KANSAS STORMWATER 2023 ANNUAL REPORT FORM FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

Please place an "X" in the left box if any information has changed from previous years

Permittee [Agency Name]:	City of Westwood Hills
Mailing Address 1:	2216 West 49 th Street
Mailing Address 2:	
Municipality:	Westwood Hills
State:	Kansas
Zip Code:	66205
MS4 Program Contact Person:	Beth O'Bryan
Contact E-Mail Address:	clerk@westwoodhillsks.gov
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Construction E-Mail Address:	clerk@westwoodhillsks.gov
Contact Phone Number:	913.262.6622
Kansas Permit Number:	<u>M-MO39-SU01</u>

Reporting period covers activities from January 1, 2023, through December 31, 2023.

This annual report must be submitted to the Kansas Department of Health and Environment (KDHE) by February 28th, 2024. The annual report is to be submitted as PDF files to KDHE via Kansas Environmental Information Management System (KEIMS). There is no requirement to provide hard copies of any documents.

IN ADDITION, provide the following:

1. A current copy of the Stormwater Management Program (SMP) Document as a PDF file along with the Annual Report.

The City's current Stormwater Management Plan (effective January 1, 2021) is included as a separate pdf file.

- 2. Include an executive summary to this report which briefly covers the major aspects of the MS4 stormwater management program enacted during the year. In completing the executive summary, the preparer should address the following questions:
 - 1. Were there any aspects of the program that appeared especially effective at reducing pollutants in your stormwater discharge?
 - 2. Were there any aspects of the program that provided unsatisfactory results?
 - 3. What was the most successful part of the program?
 - 4. What was the most challenging aspect of the program?
 - 5. Describe any City/County area MS4 clean-ups and the participation.
 - 6. Describe the elected officials' participation in the stormwater pollution elimination.
 - 7. Describe the collaboration with other organizations to eliminate stormwater pollution.
 - 8. If an audit/inspection of your MS4 program was conducted by EPA or KDHE during the year, list the items the audit/inspection report identified as required changes and provide a narrative explanation of how the changes were implemented or explain the plan to implement the changes and identify a target date for final implementation.

The executive summary does not need to be extensive and detailed. It is anticipated the executive summaries will range from one half of a page to two pages in length depending on the scope of the program.

The City of Westwood Hills Executive Summary is included as separate pdf file.

3. Any new stormwater ordinances/resolutions or revised ordinances/resolutions which have not already been submitted to KDHE for review and retention.

The City of Westwood Hills, Kansas did not adopt any new stormwater ordinances or resolutions or revise any existing ordinances or resolutions during calendar year 2023. All stormwater ordinances and resolutions in effect have been previously submitted to KDHE.

TOPICS REQUIRED TO BE ADDRESSED IN THIS REPORT AS IDENTIFIED IN PART V OF THE PERMIT

Within the next one or two pages, or perhaps more if so desired, provide comments addressing the following items:

1. Provide the status of compliance with permit conditions, an assessment of the appropriateness of the implemented Best Management Practices, 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.

The City's compliance with the permit conditions is detailed in the responses provided in the tables below for the six minimum control measures.

2. Provide results of information collected and analyzed, (for example 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.

The City has posted its MS4 Permit, including the latest MS4 permit effective September 1, 2023, Stormwater Management Plan (effective January 1, 2021), and the 2022 SMP Annual Report on the stormwater page of its website and included notices about the Stormwater Management Plan and the 2022 SMP Annual Report in each of its monthly emailed newsletters, with links to both documents. The City's monthly newsletters are e-mailed to all Westwood Hills households for which the City has an e-mail address (approximately 95% of households). Although the City has provided opportunity for its residents to comment, the City has not received any comments or concerns about the SMP or the 2022 SMP Annual Report. Additionally, in 2023, the City posted on its website notice about the new draft MS4 permit being proposed by KDHE.

Under the terms of its MS4 permit, the City is not required to conduct any water testing or monitoring.

3. Provide 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.

The City of Westwood Hills has no TMDL permit requirements and did not collect any such information during 2023.

4. Provide a summary of the stormwater activities that were scheduled to be undertaken during the previous calendar year and the status of these activities.

The City's stormwater activities undertaken during 2023 are reported and detailed in the responses provided in the tables below for the six minimum control measures. In addition, the City scheduled and held a City-wide leaf pick-up in the fall of 2023 and a city-wide street sweeping after the leaf pick-up.

5. Provide a summary of the stormwater activities which are scheduled to be undertaken during the next calendar year (including an implementation schedule).

During 2024, the City will continue to investigate additional possibilities for stormwater activities and will implement or continue implementation of the BMPs set forth in its current Stormwater Management Plan.

6. Provide a map showing changes in the permittee's Permit Area if the permit area has changed within the year.

The City's permit area did not change during 2023.

7. Provide a description of significant changes in any of the BMPs.

During 2023, the City of Westwood Hills did not adopt any significant changes in any of the BMPs set forth in its current Stormwater Management Plan, with an effective date of January 1, 2021. The BMPs set forth in the 2021 SMP are different from prior BMPs so that they align with the terms of the last MS4 permit. Although the City received a new MS4 permit in 2023 (with an effective date of September 1, 2023), the BMPs in the Stormwater Management Plan have not been modified.

8. Provide a list of any ordinances or resolutions which were updated in the last year and are associated with the SMP. Please note, page one of this report requires submission of any new stormwater related ordinances or resolutions or any such updated ordinances or resolution be submitted with this annual report.

During calendar year 2023, the City of Westwood Hills did not update any ordinances or resolutions associated with its SMP.

9. Provide a list of other parties (such as other municipalities or consultants), which are responsible for implementing any of the program areas of the Stormwater Management Program.

Although the City of Westwood Hills is ultimately responsible for permit compliance, the City partners with the Johnson County Stormwater Management Program, Mid-America Regional Council (MARC), and K-State Research and Extension, among others, particularly to provide assistance with public education and outreach, public involvement and participation, and illicit discharge elimination and detection. As Westwood Hills contracts with the City of Westwood for public works services and for building permit services, the City of Westwood Hills also relies on the City of Westwood to comply with pollution prevention and good housekeeping with respect to municipal operations and to assist with issues pertaining to construction and post-construction stormwater runoff control.

10. For Phase I permittees only, provide a summary of the inspection results, including the wet weather surface water quality monitoring test results, and information obtained under PART III <u>Monitoring Industrial</u> <u>Stormwater Discharges</u> section of this permit.

The City of Westwood Hills is not a Phase I permittee and has no requirements for water quality monitoring.

MS4 SIX MINIMUM CONTROL MEASURES FOR MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4'S) WITH NPDES PERMITS (MS4)

The following outlines the NPDES permit requirements for implementation of the Six Minimum Control Measures as required under Kansas MS4 permits issued by the KDHE. The NPDES permit provided to the MS4 authority should be reviewed for additional requirements associated with implementation of the Six Minimum Control Measures such as deadlines for the implementation of the requirements associated with the individual measures. The general requirements are as follows:

A. Six Minimum Controls — The permittee shall develop and implement Best Management Practices (BMPs) with measurable goals for each of the six minimum control measures. The six minimum control measures and associated requirements are listed and explained as follows:

1. Public Education and Outreach

The permittee shall 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.

2. Public Involvement and Participation

The permittee shall implement a public involvement and participation program to solicit public comment 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.

3. Illicit Discharge Detection and Elimination

The permittee shall:

- a. Develop, implement and enforce a program to detect and eliminate illicit discharges into the MS4;
- b. Develop 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 that receive discharges from those outfalls. A copy of the map shall be submitted to KDHE. This map may be submitted as a PDF file(s) on a CD or DVD.
- c. Enact ordinances or resolutions to prohibit non-stormwater discharges into the storm sewer system and implement appropriate enforcement procedures and actions if the permittee has such authority. A copy of the ordinances or resolutions shall be submitted to KDHE.
- d. Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste; and

- e. Develop and implement a plan to detect and address prohibited non-stormwater discharges, including but not limited toillegal dumping, to the storm sewer system. Unless identified byeither the permittee or KDHE as a significant source of pollutants to waters of the state, the following examples of non-stormwater discharges are not prohibited from entering the MS4:
- 1. Water line flushing
- 2. Diverted stream flow
- 3. Rising groundwaters
- 4. Uncontaminated groundwater infiltration as defined under 40 CFR 35.2005(20) to separate storm sewers
- 5. Uncontaminated pumped groundwater
- 6. Contaminated groundwater if authorized by KDHE and approved by the municipality
- 7. Discharges from potable water sources
- 8. Foundation drains
- 9. Air conditioning condensate
- 10. Irrigation waters
- 11. Springs
- 12. Water from crawl space pumps
- 13. Footing drains
- 14. Lawn watering
- 15. Individual residential car washing

- 16.Occasional not-for-profit car wash activities
- 17. Flows from riparian habits and wetlands
- 18. Dechlorinated swimming pool discharges excluding filter backwash
- 19. Street wash waters (excluding street sweepings which have been removed from the street)
- 20. Discharges of flows from firefighting activities
- 21.Heat pump discharge waters (residential only)
- 22. Treated wastewater meeting requirements of a NPDES permit
- 23. Sump pump drains
- 24. Other discharges determined not to be a significant source of pollutants to waters of the state, a public health hazard, or a nuisance

4. Construction Site Stormwater Runoff Control

The permittee shall develop, implement, and enforce 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 stormwater discharges 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 the development and implementation, at a minimum, of the following:

- a. Permittees which have the authority to enact ordinances or resolutions shall enact such ordinances or resolutions to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under State and Local law;
- b. Requirements for construction site owners or operators to implement appropriate erosion and sediment control best management practices;

- c. 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. Procedures for site plan review which incorporate consideration of potential water quality impacts;
- e. Procedures for receipt and consideration of information submitted by the public;
- f. Procedures for site inspection and enforcement of control measures.

5. Post-Construction Stormwater Management in New Development and Redevelopment Projects

The permittee shall develop, implement, and enforce 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 and implementation, at a minimum of the following:

- a. BMPs to prevent or minimize adverse water quality impacts;
- b. Strategies which include a combination of structural and/or non-structural BMPs appropriate for the municipality;
- c. For permittees which have the authority, ordinances or resolutions to address postconstruction 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 BMPs.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

The permittee shall develop and implement an operation and maintenance program that includes employee training to prevent and reduce stormwater pollution from municipal operations activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance.

B. Stormwater Management Program

YES	NO	N/A		
\boxtimes			Has the Stormwater Management Program (SMP) been developed and implemented?	
			Has the SMP been modified or updated during this reporting period? <i>The current SMP for Westwood Hills, effective January 1, 2021, has not been further modified or updated during 2023.</i>	
		X	If the answer to question 2 above was "yes," has the modified SMP been submitted to KDHE for review? The SMP for Westwood Hills (which took effect in 2021) was submitted to KDHE in conjunction with the City's SMP Annual Report for 2020.	

Please place an "X" in the left boxes to complete the table below.

If the answer to item 3 is a "NO," a copy of the updated SMP must be submitted with this annual report. If it is anticipated a measurable goal cannot be met in the next year, the SMP should be modified and submitted to KDHE for review. The modifications may include different BMPs and/or revised goals to avoid being in a position of non-compliance. However, reasonable BMPs with reasonable goals must be implemented, or KDHE may require the permittee to modify the SMP to include additional or better BMPs and/or more reasonable goals.

C. Total Maximum Daily Load (TMDL) Best Management Practices (BMPs)

Some permittees are required to implement BMPs to reduce the discharge of listed TMDL regulated pollutants (potentially any or all of the following pollutants – bacteria, nutrients, and sediment)

Please place an "X" in the left boxes to complete the table below.

YES	NO	N/A	
		Ø	Were any BMPs intended to attenuate the discharge of TMDL regulated pollutants implemented? See your permit to determine if TMDL regulated pollutants are listed for the receiving stream affected by your stormwater system.
		\boxtimes	List all of the BMPs intended to attenuate the discharge of TMDL regulated pollutants as identified in the SMP and provide the requested information in the following table.

List all the TMDL BMPs as identified in the SMP and provide the requested information in the following table.

D. TMDL BMP Table

The City of Westwood Hills has no TMDLs identified in its MS4 permit.

E. Stormwater Management Program Requirements (Six Minimum Control Measures)

1. Public Education and Outreach (Table)

List all of the public education and outreach BMPs as identified in the SMP and provide the requested information in the following table. The BMPs listed in the below table should add up to a minimum of 7 points.

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P Ed & O – 01	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. Document monthly checks in log book and indicate changes with logged summaries.	The City launched its new website in December 2021, which website includes a separate stormwater webpage. Although the webpage is updated when needed, monthly checks were not logged during 2023, and so we are not claiming points for his BMP.	0
P Ed & O – 02	Distribute educational materials (either flyers, brochures, catalog mailings, handouts, or e-mails) addressing various pertinent stormwater public education topics.	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.	In 2023, JoCo SMP provided funding to the K-State Research & Extension Service in Johnson County to produce stormwater educational materials to appear in the "Johnson County Magazine." A total of 5 educational pieces were included in 4 separate issues of the JoCo Magazine, which is distributed quarterly to all households and many businesses in the County. Additionally, the City publishes a monthly newsletter which is distributed to all households in the City of Westwood Hills - 175 homes – and posted on the City's website. In 2023, the City newsletters contained notice of the City's Stormwater Management Plan and the 2022 SMP Annual Report, with links to both documents (all months), notice about the "Contain the Rain" cost share program (April – November), notice of a recycling workshop (April); info about volunteer clean-up day on The Green (April & May); and notice about the city-wide fall leaf pick-up (October & November).	2

Minimum of 7 points required for 2023.

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P Ed & O – 04	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.	In 2021 and 2022, the City applied "No Dumping – Drains to Stream" markers to all known stormwater inlets in the City. In 2024, we plan to check the condition of all the markers.	2
P Ed & O – 05	Post the municipality's MS4 permit and SMP document on either the stormwater web page or the municipal webpage.	The two documents must be posted for at least six months of the year to claim one point.	In addition to the annual report, the City's MS4 permit and the City's Stormwater Management Plan were posted on the stormwater webpage of the City's website for the entire year.	1
P Ed & O – 08	Provide stormwater education for students at a school campus within K-12 (those grades present at the campus) within Johnson County. 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. Alternately, funding stormwater BMP installations and/or field trips at the school campus will qualify.	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. Alternately, the funding of BMPs at the school campus may provide for any of the following: -> 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	In 2023, JoCo SMP provided funding to Friends of the Kaw (FOTK), Hillsdale WRAPS, Olathe North High School, and Stone Lion Puppet Theater to provide educational services to K-12 students throughout Johnson County. Public school students living in Westwood Hills attend nearby Indian Hills Middle School, and, during 2023, FOTK presented educational programs to 475 students in the 8 th Grade at Indian Hills.	3
P Ed & O – 11	Adopt a public education program to reduce littering.	Install and/or maintain signs to discourage littering. Signs are to be located in areas where littering has been a problem.	The Green in Westwood Hills is the only public green space in the City. A dog waste bag station, with accompanying signage, and trash can are located on The Green and have been well utilized by citizens for several years.	1
P Ed & 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.	Although the City did have stormwater information brochures available at some of its public meetings, we are not sure that the materials were available at 10 meetings during 2023.	0

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P Ed & O – 15	Develop or participate in an ongoing social media program on pertinent stormwater public education topics.	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 stormwater education website.	The City hopes to develop a social media program on stormwater education topics, but such a program may be difficult to implement and manage with no full time staff. Stormwater and other environmental news is included in each of the City's monthly newsletters that are e-mailed to City residents and others.	0
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.	As a small municipality, Westwood Hills relies on JoCo SMP to sponsor and host such public events. Unfortunately, no such events occurred during 2023. The City did participate in the Go Green Environmental Fair hosted by several northeast Johnson County cities, with a councilperson serving on the steering committee and several residents volunteering at the event. Although the event was well-attended, we do not believe that 800 or more individuals attended.	0
	Total Points Cla	imed for Public Education and Outreach in 2023		9

Additional BMP provided within Westwood Hills but not included within the Westwood Hills Stormwater Management Plan:

P Ed & O – 06	Provide a phone and/or web-	The system must be available to the public for at least six	The JoCo DHE maintains a 24/7	2
	based system for public reporting	months in a year.	pollution response system	
	of illicit discharges.		available to the public for all cities	
	-		and citizens in Johnson County to	
			report stormwater pollution. In	
			2023, within Westwood Hills, no	
			pollution events were reported to	
			the JoCo DHE.	

E. Stormwater Management Program Requirements (Six Minimum Control Measures) (CONTINUED)

2. Public Involvement and Participation (Table)

List all public improvement and participation BMPs as identified in the SMP and provide the requested information in the following table. The BMPs listed in the below table should add up to a minimum of 6 points.

Minimum of 6 points required for 2023.

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P I/P - 02	Establish a citizens advisory committee.	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.	The City still hopes to establish a citizens advisory committee in the future but has not yet done so due to time constraints.	0
P I/P - 03	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.	Clean an area which must be equal to or greater than one acre or alternately at least 200 yards of streambank. 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.	On April 22, 2023, the Westwood Hills Green Team lead a community volunteer day for residents to join in cleaning The Green, the City's public space, and the banks of the creek which runs through The Green. On those days, volunteers worked to clean- up The Green, removing trash, trimming brush, and removing invasive tree sprouts. Additionally, volunteers with The Green Team worked on other days to maintain The Green and the creek bank. The Green is approximately 1/3 acre in size with an estimated more than 100 feet of the creek running through the space.	3
P I/P - 04	Train either citizen watch groups, homeowner associations (HOAs), or public service groups to recognize illicit discharge activities and communicate observations to appropriate municipal staff.	Provide training or distribute training materials to the group participants at least once annually.	The City has not yet implemented a training materials distribution program.	0

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P I/P - 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 can be any of the following: Environmental restoration events, stream cleanups, tree plantings, or stream monitoring.	On April 22, 2023, the Westwood Hills Green Team (a group of citizen volunteers who oversee maintenance and plantings on The Green, the City's public green space) lead one community volunteer day for residents to join in cleaning The Green, the City's public space, and the banks of the creek which runs through The Green. Additionally, members of The Green team and other volunteers worked multiple days on The Green picking up trash and clearing debris after storms. All residents in the City were also invited to visit The Green during the installation of the demonstration rain garden which occurred in May and June of 2023.	3
P I/P - 06	Establish a program to encourage residents to install stormwater treatment best management practices on their property.	Encouragement can include funding, grants, and other 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.	The JoCo SMP provides financial support to cities to offer the "Contain the Rain" program to their residents. This program offers a 50% cost share for residents to install stormwater treatment BMPs on their properties. Unfortunately, in 2023, no Westwood Hills residents participated in this cost share program. Also in 2023, JoCo SMP offered to assist cities in demonstration BMP projects. In 2023, the City participated in this JoCo SMP program and installed a demonstration rain garden on The Green, the City's public park space. The rain garden is located so as to provide water filtration and incorporates native plantings.	2

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P I/P - 07	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.	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.	Section 2-503 of the City's ordinances requires a pet owner to remove the pet's waste from public or private property not owned by the pet owner. Additionally, several years ago, the City installed a pet waste bag dispenser, with signage, and a trash can on The Green.	1
P I/P - 09	Distribute stormwater educational materials to the public within this permit area. Alternately, the permittee may provide 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 in Johnson County for distribution to the public.	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 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 homeowners (rain gardens, rain barrels, etc.) guidance on area household hazardous waste receiving centers, and guidance on area recycling programs.	During 2023, the City did not distribute brochures or flyers and elected to continue relying on e- mail distribution for dissemination of information to its residents.	0
		ed for Public Involvement and Participation in 2023		9

Additional BMP provided within Westwood Hills but not included within the Westwood Hills Stormwater Management Plan:

P I/P - 08Provide 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.	JoCo SMP funded the work of a University of Kansas graduate student to support their studies and research associated with a water quality project. The amount provided in scholarship is \$20,000 between 2021-2024.	2
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E. SMP Requirements (Six Minimum Control Measures) (Continued)

3. Illicit Discharge Detection and Elimination

Please place an "X" in the left boxes to complete the table below.

YES	NO	N/A	
			Has a program/plan been developed and is it presently implemented to detect and address illicit/prohibited discharges into the MS4?
			If yes, describe the plan below:
			In September 2017, after consultation with Consolidated Fire District #2 (CFE#2), the City adopted its Spill Response Plan, which was also approved by CFD #2.
			Has a map of the MS4 been developed, showing the location of all outfalls, either pipes or open channel drainage, showing names and location of all streams or lakes receiving discharges from the outfalls? If yes, attach map.
			The permit may require the permittee enact ordinances, or resolutions. Have ordinances, or resolutions, or regulations to prohibit non-stormwater discharges into the storm sewer system been enacted?
			If yes, list ordinances/resolutions and their effective dates below:
			Ordinance No. 257, Stormwater Pollution Prevention Ordinance, was adopted on July 11, 2016, and became effective upon its publication in THE LEGAL RECORD.
	\boxtimes		Have the ordinances, resolutions, or regulations been modified?
			If yes, list ordinances/resolutions and their effective dates below:
			N/A

List all the Illicit Discharge Detection and Elimination BMPs as identified in the SMP and provide the requested information in the following table.

E. Stormwater Management Program Requirements (Six Minimum Control Measures)

3. Illicit Discharge Detection and Elimination (Table)

List all illicit discharge detection and elimination BMPs as identified in the SMP and provide the requested information in the following table. The BMPs listed in the below table should add up to a minimum of 7 points.

Minimum of 7 points required for 2023.

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
ID D & E - 03	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.	On September 11, 2017, the City adopted a Spill Prevention and Response Plan as recommended by KDHE. Following the recommendation of Consolidated Fire District No. 2, the City prepared a spill response plan that relies on the spill response and haz-mat expertise of CFD2 personnel and equipment.	2
ID D & E - 05	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/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 where applicable ordinances and disposal guidance are posted.	During 2023, the City was not able to issue a letter to all residents and businesses within its permit area concerning avoidance of illicit discharges.	0

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
ID D & E - 06	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.	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.	In December 2023, the City engaged a contractor to inspect and clean the stormwater inlets located within Westwood Hills and the open channel drainage located by such stormwater inlets. No camera inspections were conducted in 2023. The City has claimed the points for this inspection work under ID D & E – 10 below. Because we are uncertain whether 2% of the pipelines or channel drainage were inspected, the City is not claiming any points for this BMP ID D & E – 06.	0
ID D & E - 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.	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.	In 2023, the JoCo SMP provided funding to both the Johnson County Department of Health and Environment and the city of Olathe's household hazardous waste (HHW) facilities, to ensure that all citizens could utilize these facilities. According to JCSMP information, eleven Westwood Hills residents utilized the JoCo HHW facility in 2023.	3
ID D & E – 09	Provide a contribution to area recycle programs or programs (such as household 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.	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.	IN 2023, the City of Westwood Hills did not financially sponsor any recycling programs, although the City has done so in past years. The City did participate in the Go Green Environmental event held at the Sylvester Powell Center in Mission, Kansas, in September 2023.	0

BMP ID Number	BMP Summary Measurable Goal(s) Progress Achieving Goal(s) (Measured Result)		Points Claimed		
ID D & 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.	In December 2023, the City engaged a contractor to clean the majority of the stormwater inlets within the City (approximately 90% of the stormwater inlets were cleaned and inspected). The contractor did not note any illicit discharges discovered during this cleaning and inspection.	5	
	Total Points Claimed for Illicit Discharge Detection and Elimination in 2023				

E. SMP Requirements (Six Minimum Control Measures) (Continued)

4. Construction Site Stormwater Runoff Control

Please place an "X" in the left boxes to complete the table below.

YES	NO	N/A	
X			The permit requires the permittee, if they have such authority, to enact ordinances or resolutions. Have ordinances or resolutions to address construction site runoff from new development/redevelopment projects been enacted?
			If yes, list ordinances/resolutions and their effective dates below:
			Ordinance No. 268, Erosion and Sediment Control, was adopted on December 11, 2017, and became effective upon its publication in THE LEGAL RECORD.
\boxtimes			Has a copy of the ordinances or resolutions been submitted to KDHE as required by the permit?
			Has a procedure or program been developed requiring construction site owners and/or operators to implement appropriate erosion and sediment control best management practices?
			If yes, describe plan below:
			In Ordinance No. 291, dated November 8, 2021, the City adopted both APWA 5600 stormwater design criteria and the MARC/APWA BMP Manual to guide construction site owners on required best management practices for stormwater management. Also, Ordinance No. 268 sets out erosion and sediment control requirements for work within the City of Westwood Hills.
Ø			Has a procedure or program been developed requiring construction site owners and/or operators to control waste such as discarded building materials, concrete truck washout, chemicals, paint, litter, and sanitary waste at construction sites likely to cause adverse impacts to water quality?
			If yes, describe procedure/program below:
			City Ordinance No. 257 specifically prohibits the discharge of truck washout, chemicals, paint, and other hazardous materials into the stormwater system in the City.
\boxtimes			Has a procedure been developed and implemented requiring site plan review which includes consideration of potential water quality impacts?
			If yes, describe procedure below:
			Although the City is fully built out with no development or redevelopment sites in excess of one acre, by its Ordinance No. 291, the City has adopted both APWA 5600 stormwater design criteria and the MARC/APWA BMP

		Manual. The Building Official will apply those criteria to any projects subject to those provisions in the permit review process.
		Has a procedure been developed for the receipt and consideration of information submitted by the public? If yes, describe procedure below:
Ø		Has a procedure been developed and implemented for construction site inspection and enforcement of the control measures? If yes, describe procedure below: Ordinance No. 268 contains specific provisions for construction site inspections (Section 5-721).

List all the construction site stormwater runoff control BMPs as identified in the SMP and provide the requested information in the following table.

E. Stormwater Management Program Requirements (Six Minimum Control Measures)

4. Construction Site Stormwater Runoff Control (Table)

List all Site Stormwater Runoff Control BMPs as identified in the SMP and provide the requested information in the following table. The BMPs listed in the below table should add up to a minimum of 6 points.

Minimum of 6 points required for 2023.

BMP ID Number	BMP Summary Measurable Goal(s)		Progress Achieving Goal(s) (Measured Result)	Points Claimed	
CS SR C - 01	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.	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.	On December 11, 2017, City Council adopted Ordinance No. 268, Erosion and Sediment Control Act.	2	
CS SR C - 02	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.	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.	As a fully developed residential city, no sites within Westwood Hills equal to or greater than one acre remain to be developed. As time permits in the future, the City is hoping to develop a design manual for erosion and sediment control which would apply to smaller construction projects.	0	
CS SR C - 03	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.	This training class must address all local requirements for a SWP2 Plan, requirements for implementation of BMPs, and the requirements for permits.	The JoCo SMP funded two trainings for contractors through the Johnson County Contractor Licensing Office that focused on erosion and sediment control activities. A total of 72 contractors attended the trainings, with 44 contractors receiving ESC Inspector certification.	3	

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed	
CS SR C - 04	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 site plan 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.	With construction in Westwood Hills being primarily renovations and small additions, the need for this formal site plan review process is limited. During the building permit application process, the City Building Official and/or Planning Commission does review the proposed work for compliance with the City's ordinances, including the lot coverage ratio limiting impervious surfaces and the impact on surrounding property owners.	0	
CS SR C - 05	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: -> 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.	On July 11, 2016, the City Council adopted Ordinance No. 257, Stormwater Pollution Prevention for Storm Sewers and Surface Waters.	2	
CS SR C - 06	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, including 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; outline the required procedures; provide guidance on acceptable conditions of various BMPs employed on such sites, enforcement actions and/or reference of cases for enforcement by other municipal staff; and provide inspection checklists for use by the inspector and guidance on creating a photo log of the inspection.	The City's Building Official inspects the building projects within the City of Westwood Hills, which projects are mostly remodeling projects, renovation work, or small additions. With no development or redevelopment sites in excess of one acre in size, the City has not yet adopted a formal Inspection Guide which incorporates stormwater inspection guidelines.	0	
	Total Points Claimed for	or Construction Site Stormwater Runoff Control in 2	023	7	

E. SMP Requirements (Six Minimum Control Measures) (Continued)

5. Post-Construction Site Stormwater Management in New Development and Redevelopment

Please place an "X" in the left boxes to complete the table below.

YES	NO	N/A	
X			The permit requires the permittee, if they have such authority, to enact ordinances or resolutions. Have ordinances or resolutions to address construction site runoff from new development and redevelopment projects been enacted?
			If yes, list ordinances/resolutions and their effective dates below:
			Ordinance No. 268, Erosion and Sediment Control, was adopted on December 11, 2017, and became effective upon its publication in THE LEGAL RECORD.
			Ordinance No. 291, adopting the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual, was adopted on November 8, 2021, and became effective upon its publication in THE LEGAL RECORD.
\boxtimes			Has a copy of the ordinances or resolutions been submitted to KDHE as required by the permit?
Ø			Has a post-construction stormwater runoff program been implemented? If yes, describe the program below: Although the City is fully built out and has no development or redevelopment sites in excess of one acre in size, the City will follow the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual for any projects in excess of one acre in size.
	\boxtimes		Have post-construction sites been inspected? (None inspected to date)
\boxtimes			Are BMPs specified to minimize adverse water quality impacts?
			Have strategies been developed to include a combination of structural and/or non- structural BMP appropriate for the municipality?
		Ø	Have measures been implemented to ensure adequate long-term operation and maintenance of structural BMPs? If yes, describe measures below: To date, no structural BMPs have been installed by contractors on private lands, and so the City has had no need for long-term operation and maintenance requirements.

List all the post-construction site stormwater management in new development and redevelopment BMPs as identified in the SMP and provide the requested information in the following table.

E. Stormwater Management Program Requirements (Six Minimum Control Measures)

5. Post-Construction Site Stormwater Runoff Control (Table)

List all post-construction site stormwater runoff BMPs as identified in the SMP and provide the requested information in the following table. The BMPs listed in the below table should add up to a minimum of 7 points.

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P-C SM - 01	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 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/re-development site and utilize methods to prevent discharge off-site, including but not limited to: 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. -> Other sizing or detention standards generally accepted by design engineers as adequate for the permittee's locale. 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.	On November 8, 2021, the City Council adopted Ordinance No. 291, by which it adopted the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual. Additionally, the City is currently participating in a metro-wide effort to review and revise as necessary the APWA 5600 standards and the MARC/APWA BMP Manual.	5
P-C SM - 02	Develop a list of post-construction structural or nonstructural BMPs which are required to be incorporated in any development/redevelopment 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.	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.	With no anticipated development or redevelopment projects impacting an area in excess of one acre, the City has not yet adopted a specific list of post-construction BMPs which are required. Rather, the City is relying on the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual to provide guidance in such situations if they arise in the future.	0

Minimum of 7 points required for 2023.

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P-C SM - 07	Enact either an ordinance, a resolution, or other enforceable requirement which requires the installation of pervious surfaces on property.	The ordinance or resolution or other enforceable requirement must specify when installation of impervious surfaces is not acceptable and what allowable pervious surfaces can be installed in lieu of impervious surfaces.	Section 8-203 of the City's ordinances sets lot coverage ratios that limit impervious surfaces on lots to a maximum of 50% of the total lot area. Additionally, the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual require new design projects to include pervious surfaces to control runoff.	2
P-C SM - 08	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.	With financial assistance from JCSMP, in 2023, the City once again offered its residents the opportunity to participate in the "Contain the Rain JoCo" cost share program. Residents are encouraged to apply to the program and receive a 50% cost share reimbursement for planting of native trees and native flower gardens as well as for installation of rain barrels and pervious surfaces. Unfortunately, in 2023, no households in Westwood Hills participated in this cost share program. The City, however, did participate in a JCSMP program to support demonstration projects and installed a rain garden on The Green in the City. This rain garden incorporates native plants and provides water filtration, while serving as an example to residents of what they might install on their property.	0
	Total Points Claimed f	or Post Construction Stormwater Management in 20	023	7

E. SMP Requirements (Six Minimum Control Measures) (Continued)

6. Municipal Pollution Prevention/Housekeeping

Please place an "X" in the left boxes to complete the table below.

YES	NO	N/A	
Ø			The permit requires the permittee to enact a program to address pollution prevention/good housekeeping for Municipal Operations. Has such a program been enacted?
			If yes, describe program below:
			The City does not have a municipal department but does request that its landscape contractor use as little fertilizer as possible and always use fertilizers in accordance with manufacturer's instructions. For public works services, the City contracts with the City of Westwood and relies on the City of Westwood to address pollution prevention/good housekeeping processes. When the City contracts with a third party for street sweeping services, the City requires that any street sweeping debris be disposed of properly.

List all the municipal pollution prevention/housekeeping BMPs as identified in the SMP and provide the requested information in the following table.

E. Stormwater Management Program Requirements (Six Minimum Control Measures) (CONTINUED)

6. Municipal Pollution Prevention/Housekeeping (Table)

List all municipal pollution prevention/housekeeping BMPs as identified in the SMP and provide the requested information in the following table. The BMPs listed in the below table should add up to a minimum of 6 points.

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P P/G H – 02	Implement a recycle 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 recycle shall be maintained. Entries in the log shall record either weight or volume of recycle materials removed from the containers and transported to the recycle facility as well as the date of transport.	The City of Westwood Hills has only one part time staff member (the City Clerk) who works from her home. This BMP is proving to be somewhat problematic to implement as curbside recycling is available for all residents within the City. Requiring the City Clerk to segregate and weigh City materials being recycled and maintain a log of the same seems over-burdensome and inefficient. The City Clerk does recycle city materials (office paper, etc.) – intermingled with rather than separated from - her own household curbside recycling materials.	0
P P/G H – 03	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.	The City contracts with an independent contractor to provide landscaping services for the City's public spaces. We hope to develop a formal pesticide guidance document in the near future, but currently the independent contractor is encouraged to use minimal pesticides within the City.	0
P P/G H – 05	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 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. Alternatively, for municipalities with less than 500 population, street sweeping can be limited to sweeping the gutters. The log which must be maintained need only indicate the street segments which were swept in the year and confirm the sweepings were properly disposed or recycled and/or reused	In December of 2023, the City engaged a contractor to sweep all the streets within the City of Westwood Hills. This street sweeping occurred after a city-wide leaf collection on December 10, 2023. The contractor properly disposed of all street sweepings.	2

Minimum of 6 points required for 2023.

BMP ID Number	BMP Summary	Measurable Goal(s)	Progress Achieving Goal(s) (Measured Result)	Points Claimed
P P/G H - 06	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 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.	Although the City has only one part-time employee, we are considering including some training to minimize stormwater pollution as a topic on the agenda for upcoming City Council meetings.	0
P P/G H - 07	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.	In December 2023, the City engaged a contractor to inspect and clean the stormwater inlets within the City. Approximately 85% of the stormwater inlets within the City were inspected and cleaned. The debris that was removed was almost entirely organic material, with some minimal gravel from around the entrances to the stormwater inlets (and one Solo cup). No illicit discharges were noted.	2
P P/G H - 08	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.	Throughout all of 2023, the City's storm sewer map of the MS4 was posted on the City's website, which is accessible to the public. Additionally, the Johnson County Automated Information Mapping System (<u>https://aims.jocogov.org/</u>) is a publicly available mapping system showing the MS4 lines and TMDL listed streams for all municipalities in Johnson County.	2
	Total Points Claimed fo	r Municipal Pollution Prevention/Housekeeping in 2	023	6

E. SMP Requirements (Six Minimum Control Measures) (Continued)

7. PHASE ONE OPERATORS ONLY: Monitoring Industrial and High-RiskRunoff

The permit requires the permittee to enact a program to address post-construction site stormwater runoff from new development and redevelopment.

Please place an "X" in the left boxes to complete the table below.

YES	NO	N/A	
		Ø	Has the permittee developed and maintained a list of the municipal industrial facilities contributing to the pollutant loading to the MS4?
			Have at least two municipal industrial facilities on the list had inspection and sampling conducted? If yes, list inspected facilities and the results of the inspections below:
			If the answer to items 1 and 2 is "No," provide a statement.

The City of Westwood Hills is not a Phase One Operator.

F. Recordkeeping and Reporting

The permit for the City of Westwood Hills, Kansas, does not include any TMDL monitoring requirements.

Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Permittee: Multimating Public	Date Signed	2/28/24
(Legally responsible person)		

Title: Mayor of Westwood Hills, Kansas

40 CFR 122.22 Signatories to permit applications and reports.

Name Printed: Rosemary Podrebarac

(a) Application. All permit applications shall be signed by either a principal executive officer or ranking elected official.

All reports required by permits, and other information requested by the Director shall be signed by a person described in paragraph (a) of this section, or by a duly authorized representative of that person.

Please note the submission requirements on page 1. Submit this report to:

KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT

Municipal Programs Unit 1000 SW Jackson Street, Suite 420 Topeka, Kansas 66612

KDHE.MS4@ks.gov

B. Executive Summary

This Executive Summary briefly covers the major aspects of the Westwood Hills MS4 stormwater management program during 2023, by specifically addressing the questions below.

1. Were there any aspects of the program that appeared especially effective at reducing pollutants in your stormwater discharge?

The City of Westwood Hills contracted with the City of Roeland Park for a fall leaf pick up. Due to an equipment issue with Roeland Park, the City also had to contract with a private contractor to finish the leaf pick-up. The clean up occurred in mid December 2023. In addition, throughout the year, residents are reminded to clean up the leaves and debris in the street gutters in front of their homes. With regard to both the leaf pick up and gutter cleaning, residents have been cooperative in participating in these activities. In December 2023, just after the city-wide leaf pick up, the City engaged a contractor to sweep all streets within the City.

Also, a few years ago, a dog waste bag dispenser and trash receptacle were installed on The Green, which is the City's park. During 2023, more than 500 pet waste bags were dispensed from the pet waste bag dispenser installed on The Green, with that dog waste being properly disposed so that this waste did not become part of the run-off water to the creek which runs through The Green.

Due to the nature of non-point source pollution, it is difficult to say that any aspect of the program was the most effective at reducing pollutants in stormwater runoff. However, we believe that our efforts, through the Johnson County Stormwater Management Program (JCSMP) and the K-State Extension service, under public education and outreach (MCM 1) and public involvement and participation (MCM 2) that were focused on responsible lawn care practices and anti-littering were very successful at reaching a broad number of residents with messaging that hopefully will encourage behavior change or, at the very least, increase awareness.

2. Were there any aspects of the program that provided unsatisfactory results?

There were no aspects of the City of Westwood Hills program that provided unsatisfactory results, but we do have room for improvement. In 2023, no City residents participated in the BMP Cost Share program funded by JCSMP encouraging the planting of native trees and plants and the installation of rain gardens or permeable pavement. In cooperation with JCSMP, the City itself, however, did install a rain garden on The Green as a demonstration project. We hope to increase participation in the Cost Share program in 2024.

3. What was the most successful part of the program?

The City of Westwood Hills was pleased with public compliance with properly disposing of any toxic or non-toxic materials so that the same would not flow into the sewer system or creek and with the City residents' usage of the yard waste collection program and city-wide leaf pick-up. Additionally, residents are becoming more understanding about keeping street gutters and stormwater inlets clear of leaves and other debris.

Public education and outreach efforts through the multiple approaches from the city, county, and regional levels were successful. The ability to conduct outreach through multiple outlets will hopefully continue to increase the public's awareness of water quality issues and of what citizens can do to help. Additionally, the partnership with K-State Extension promotes water quality messaging and provide information regarding lawn and garden care, thus targeting a likely source for excess nutrients in urban streams.

Once again, in September 2023, several northeast Johnson County cities partnered to hold a Go Green 2023 Environmental event. This event attracted many area residents to the Sylvester Powell Center to

view displays and obtain information from exhibitors on a wide range of environmental topics, including the JoCo Contain the Rain program. The City intends to participate in this Go Green annual event in 2024.

4. What was the most challenging aspect of the program?

Time constraints and increasing costs continue to be key challenges. As a small city of the third class, the City of Westwood Hills has no full-time staff to engage in public education efforts, monitor compliance, and maintain records. Additionally, the City has a limited budget as the City has very little commercial property within its boundaries (to contribute to both real estate tax and sales tax revenue). A few years ago, the City confronted an expensive stormwater system collapse repair as well as some repairs necessitated by third party contractor intrusion into the underground stormwater pipes. During 2018, based upon an engineering assessment received during 2017, the City expended a substantial amount to replace its stormwater drop inlets and repair some stormwater pipes. The City continues to make payments on its loan from KDHE which paid for these repairs and improvements. In order to protect these substantial investments, the City also conducts annual ongoing investigation and maintenance activities to ensure the proper functioning of its stormwater system.

The most challenging aspect of this program has always been drawing a correlation between activities in the Stormwater Management Plan to actual improvements in water quality. For example, Johnson County reached millions of people with regional, county, and city public education and outreach campaigns over the past several years, but there is no direct way to attribute this public education and outreach to actual pollutant reduction numbers.

5. Describe any City/County area MS4 clean-ups and the participation.

The City held a city-wide leaf pick-up in December, followed by a street sweeping of all City streets. Additionally, the City coordinates The Green Team, a volunteer committee, which held a Volunteer Day during 2023 to clean up and maintain the city park, The Green, through which runs a small stream. Finally, in December of 2023, the City hired a third-party contractor to inspect and clean the City's stormwater inlets. The contractor properly disposed of the debris removed from the stormwater inlets, and no evidence of illicit discharges was discovered.

6. Describe the elected officials' participation in the stormwater pollution elimination.

The Mayor of the City of Westwood Hills and City Council members individually assist and coordinate everything from meeting with engineers and contractors with which the City contracts for stormwater inlet cleaning to publicizing the BMP Cost Share program so as to encourage the planting of native trees and plants. Also, one of the City Council members led the coordination of efforts of The Green Team, some Council members personally participated in volunteer days to clean up The Green, a City Council member installed the storm drain markers (No Dumping – Drains to Stream) on the City's stormwater drop inlets, and another City Council member served as a member of the steering committee for the 2023 annual Go Green event held in Northeast Johnson County.

7. Describe the collaboration with other organizations to eliminate stormwater pollution.

The City of Westwood Hills partnered with the Johnson County Stormwater Management Program (JCSMP), which coordinated a cooperative approach for permitted Johnson County cities to help meet selected minimum control measures mandated in the NPDES Phase 2 MS4 permits. In particular, the JCSMP coordinates efforts for some of the best management practices (BMPs) for Minimum Control Measures (MCM) 1 and 2 but also assists with MCMs 3-6. The coordinated approach through this partnership has proven to be cost effective and reduces redundancy among the cities in Johnson County. Also, on behalf of Johnson County cities, JCSMP partners with Johnson County K-State Extension, Mid-America Regional Council Water Quality Education Committee, Friends of the Kaw, Stone Lion Puppet Theater, the city of Olathe Public Works (for

Household Hazardous Waste Collection), and the Johnson County Department of Health and Environment (also for household hazardous waste collection, and other things such as the stormwater pollution reporting hotline for Johnson County).

8. If an audit/inspection of your MS4 program was conducted by EPA or KDHE during the year, list the items the audit/inspection report identified as required changes and provide a narrative explanation of how the changes were implemented or explain the plan to implement the changes and identify a target date for final implementation.

No audits or inspections of the City's MS4 program were conducted by EPA or KDHE during 2023.

Memorandum



То:	Cities of Johnson County
From:	Johnson County Stormwater Management Program
Date:	January 12, 2024
Subject:	Report of the services provided to Johnson County cities to meet NPDES MS4 Permit compliance for 2023

Summary

The following section is a brief summary of the data points compiled in this memorandum. If cities selected one or more of the following best management practices (BMPs) from their NPDES MS4 Permit in their Stormwater Management Plan (herein referred as the *Stormwater Quality Management Plan* (SQMP)), then they may take the selected BMP row from Table 1 below and modify it with city-specific data as directed in the "Progress Achieved (Measured Result)" column.

BMP ID #	Brief BMP Description	Measurable Goal	Progress Achieved (Measured Result)
PEd&O-02	Distribute educational materials.	Distribute materials at least the total number of housing units in the most recent census.	JOCO SMP provided funding in 2023 to the K-State Research & Extension Office in Johnson County to produce stormwater educational materials in the JoCo Magazine. A total of 5 educational articles/flyers were included in 4 separate issues of the JoCo Magazine which is distributed to all County homes.
PEd&O-06	Provide a phone and/or web- based system for public reporting of illicit discharges.	The system must be available to the public for at least six months in a year.	The JOCO DHE maintains a 24/7 pollution response system to the public for all cities and citizens in Johnson County to report stormwater pollution. A total of ## pollution events were responded to by the JOCO DHE in 2023 (*Table 3 coming soon).
PEd&O-08	Provide stormwater education to K-12 students within the permittee's jurisdiction.	Fund educators or speakers that will reach at least 5% of the K-12 students in the selected district.	JOCO SMP provided funding in 2023 to Friends of the Kaw, Hillsdale WRAPS, Olathe North High School, and Stone Lion Puppets to provide educational services to K- 12 students. A total of ## students in grades ## were educated in 2023 (*See Table 4 for city-specific data).
PI/P-06	Establish a program to encourage residents to install stormwater treatment BMPs.	Encourage residents through funding and tracking involvement in BMPs installed on private property.	JOCO SMP provided funding in 2023 for the Contain the Rain Program which was open to all cities in Johnson County. A total of ## projects were approved, receiving \$\$\$ in reimbursement in 2023 (*See Table 5 for city-specific data)

Table 1 - BMP Details for 2023 Annual Report

Table 1 - BMP Details for 2023 Annual Report - CONTINUED

BMP ID #	Brief BMP Description	Measurable Goal	Progress Achieved (Measured Result)
PI/P-08	Provide a monetary donation to a scholarship fund for students pursuing a degree in an environmental field.	A minimum of \$500 per year is required.	JOCO SMP funded the work of a University of Kansas graduate student to support their studies and research associated with a water quality project. The amount provided in scholarship is \$20,000 between 2021-2024
IDD&E-02	Implement a program to abandon failed or failing residential on-site wastewater treatment systems, and require upgrades or replacements of failed systems.	Enforce a program to redirect on-site treatment to municipal wastewater or upgrade systems.	JOCO DHE continued to operate a program that oversees the septic system inspection and enforcement across most of Johnson County. A total of ## inspections were conducted by JOCO DHE in 2023 (*See Table 7 for city-specific data)
IDD&E-07	Implement a household hazardous waste collection program.	Document the residents that utilize the HHW>	JOCO SMP provided funding in 2023 to both the JOCO HHW and City of Olathe HHW facilities to ensure all citizens could utilize these facilities. A total of ## "CITY" residents attended HHW facilities in 2023 (*See Table 6 for city-specific data)
CSSRC-03	Provide access to at least one training class for contractors.	Training must address local SWPPP and BMP requirements.	JOCO SMP funded two trainings for contractors through the JOCO Contractor Licensing Office that focused on erosion and sediment control activities. A total of 72 contractors attended the trainings, with 44 receiving ESC Inspector certification.

NOTE: Ensure that the BMP ID on the table above matches that of your city's permit and SQMP as they may be slightly different. JOCO - Johnson County; SMP - Stormwater Management Program; DHE - Department of Health and Environment; HHW -Household Hazardous Waste; WRAPS - Watershed Restoration and Protection Strategy

Introduction

The Johnson County Stormwater Management Program (SMP) manages funds generated through a 1/10th of one percent sales tax collected throughout the entire county for the purposes of stormwater management. Every year, a percentage of these funds goes toward providing assistance to the cities within Johnson County who hold NPDES MS4 permits. In particular, the SMP coordinates best management practices (BMPs) for Minimum Control Measures (MCM) 1 and 2 and TMDL monitoring, but also assists with MCMs 3-6. This collaborative partnership is proven to improve efficiency and reduce duplication of efforts throughout the county.

The SMP relies upon the support and partnership from local organizations to assist cities in permit compliance. Table 2 details the partners who provided services to help cities in Johnson County meet NPDES MS4 Permit compliance:

Partner	Services Provided
Bridging the Gap	• Website hosting, planning workshops, and support for the Contain the Rain Program.
City of Olathe	Operation of a household hazardous waste facility for JOCO residents.
Friends of the Kaw	In-school water quality education services in multiple county school districts.
George Butler Associates	 Performing and reporting of wet-weather water quality sampling. Analysis of all wet-weather and routine sample results. Led contractor training on erosion and sediment control course.
JOCO Contractor Licensing	Coordination of training for contractors who deal in erosion and sediment control activities.

Table 2 - JOCO SMP Partners

 Table 2 - JOCO SMP Partners - CONTINUED

Partner	Services Provided
JOCO Department of Health & Environment	 Coordination of illicit discharge response, mitigation, tracking, and reporting. Operation of a household hazardous waste facility for JOCO residents. Coordination of an on-site waste treatment inspection and oversight program.
JOCO Water Quality Laboratory	Analysis of routine and wet-weather water quality samples.
K-State Research & Extension (JOCO)	 Creation of stormwater specific advertisements and articles for JOCO magazine. Coordination of the free soil testing program.
Hillsdale WRAPS	 In-school water quality education services within the Gardner-Edgerton School District. Adult education related to land use practices.
Olathe North High School	 In-school education for students who attend the Geosciences Program in the Olathe School District. Coordination and hosting of rain garden and rain barrel workshops.
Stone Lion Puppets	In-school water quality education services targeting younger students across the County.
University of Kansas	 Coordination of a sediment transport study which includes the funding of the project and a graduate student to complete this work.

Appendix A provides a budget breakdown for the NPDES services provided by the SMP. The following sections of this memorandum provide further detail on the BMPs, activities, and services completed in 2023 to assist Johnson County cities in meeting NPDES MS4 Permit compliance.

Public Education & Outreach (MCM 1 - PEd&O)

The Johnson County Stormwater Management Program funds several partners to provide services that support the compliance needs of both the county and the cities within. Specific to Minimum Control Measure 1 - Public Education and Outreach, there are three BMPs that a city can take credit for in their own 2023 Annual Report.

- PEd&O-02 Distribute educational material to a minimum of all homes in jurisdiction.
- PEd&O-06 Provide a system for public reporting of illicit discharges.
- PEd&O-08 Provide stormwater education to K-12 students.

Refer to the "Summary" section above for how to take credit for these services in the 2023 Annual Report.

Johnson County SMP funds the K-State Research and Extension Office in Johnson County to create educational materials for print publication in the JoCo Magazine. These materials are stormwater related and designed to provide citizens with information on pertinent stormwater pollution topics, events and/or services. In 2023, each of the four seasonal issues of the JoCo Magazine included at least one advertisement or article (for a total of five), distributed to all residential addresses in the county. Appendix B includes published advertisements and articles.

New in 2023, the SMP worked with the county social media specialist on a month-long water quality awareness campaign, and on ongoing stormwater content. The campaign included 15 stormwater/water quality posts on multiple platforms, and reached over 15,000 people. Ongoing content reached nearly 35,000 people with 33 posts on three platforms (Facebook, Instagram

and Youtube).

Johnson County Department of Health and Environment (DHE) operates a 24-hour pollution response service. This pollution response service allows residents from across the County to report incidents of pollution, including to the storm sewer system and waterbodies. Below is the website link to this service as well as the phone number and online reporting form.

jocogov.org/department/environment/environmental-complaints

Table 3 below shows pollution events that DHE responded to. If a city operates their own pollution response and reporting, the city may opt to combine their data with that found below, but make note of it in the Annual Report. Appendix C includes more details on these pollution events.

City	Pollution Events Responded to by DHE	Date(s)	Types of Pollutants Found	Events Resolved
Fairway				
Gardner				
Lake Quivira				
Leawood				
Lenexa				
Merriam				
Mission				
Mission Hills				
Mission Woods				
Olathe				
Overland Park				
Prairie Village				
Roeland Park				
Shawnee				
Westwood				
Westwood Hills				
Unincorp. JOCO				

Table 3 - 2023 Pollution Events Responded to by JOCO DHE INFO FORTHCOMING

In-school education primarily returned to pre-COVID practices of in-person education events and activities. All three education partners exceeded expectations in their ability to reach a wide array of grade levels, water quality topics and mediums of educating K-12 students. Table 4 below details the totals of all K-12 students educated by educational service agreements during 2023, broken out by each city.

City	Total Students*	Grades	Schools (either in jurisdiction or with population attending the school)	Partners
Fairway	475	8	Indian Hills MS	FOTK
Gardner	985	K-12	Gardner-Edgerton HS, Nike Elem, Grand Star	WRAPS, SLP
Lake Quivira	300	K-3	Ray Marsh Elem	SLP
Leawood	686	K-8	Brookwood Elem., Mission Trail Elem., Indian Woods	FOTK, SLP
Lenexa	2635	K-8	Lenexa Hills, Sunflower Elem, Rising Star, Holy Trinity, Trailridge, Westridge	FOTK, SLP
Merriam	300	K-5	Nieman Elem., Crestview Elem.	SLP
Mission	475	8	Indian Hills MS	FOTK
Mission Hills	475	8	Indian Hills MS	FOTK
Mission Woods	475	8	Indian Hills MS	FOTK
Olathe	1125	K-5, HS	Central Elem., Scarborough Elem, Prince of Peace, Washington Elem, Northview, Arbor Creek, Olathe North HS	SLP, ONHS
Overland Park	4191	K-8	Holy Cross, Brookwood Elem., Apache Innovative, Oak Park Carpenter, Harmony, Crestview, Sunset Ridge, Timber Creek, Brookridge Day School, Tomahawk, East Antioch, Pawnee, Cottonwood, Indian Hills, Indian Woods	FOTK, SLP
Prairie Village	1086	K-8	Indian Woods MS, Indian Hills MS, Tomahawk	FOTK, SLP
Roeland Park	150	K-5	Roesland Elem	SLP
Shawnee	1818	K-6, 8	Nieman Elem., Ray Marsh, Prairie Ridge, Shawanoe, Roeland Elem, Mize Elem, Monticello Trails, Trailridge MS	FOTK, SLP
Westwood	475	8	Indian Hills MS	FOTK
Westwood Hills	475	8	Indian Hills MS	FOTK
Unincorp. JOCO	1270	K-5, HS	Spring Hill Elem., Edgerton Elem, Wolf Creek, Gardner- Edgerton High School	WRAPS, SLP

Table 4 - 2023 Students Educated by City

Note: FOTK - Friends of the Kaw; WRAPS - Hillsdale Watershed Restoration and Protection Strategy; SLP - Stone Lion Puppets * students from the specific school population, these students may reside in one or more cities that feed into the specific school.

Stone Lion Puppet Theater, a local non-profit theater, provides age-appropriate water quality messaging to the county's elementary students. In 2023, Stone Lion presented 45 environmental education activities to over 9,000 children ranging in grades from Kindergarten to 5th grade. Stone Lion continues to be highly sought after for interactive water quality and environmental education across the Johnson County school districts.

Friends of the Kaw, a non-profit focused on the Kansas River watershed, engages middle school aged students in water quality monitoring through their "Kids About Water" programming. The students visit local streams to collect and analyze water samples, sample for macroinvertebrate organisms, and assess physical indicators of water quality. In 2023, Friends of the Kaw held stream side education events at five middle schools, engaging over 2250 6/8th graders. Friends of the Kaw is a vital partner for helping cities reach their K-12 water quality education goals.

The Hillsdale Lake Watershed Restoration and Protection Strategy, educates adults and children in the Hillsdale Watershed about watershed health. Within Johnson County, this education specifically includes engaging over 420 students in 2023 in the Gardner-Edgerton High School environmental science classes to learn about watershed monitoring, ecological indicators and stormwater. The Hillsdale WRAPS Program is an important partner for reaching students and adults in the unincorporated and more rural portions of the County.

Olathe North High School educates both students and adults through the organization and implementation of multiple stormwater related workshops and water quality testing classes. In 2023, Juniors from ONHS learned how to prepare the rain barrels, present on their use and construction, and provide education to 75 area residents. Also in 2023, ONHS Geoscience students hosted a rain garden workshop which engaged 26 area residents in how to build a rain garden and stormwater quality. Finally, students in the ONHS Geoscience Program helped K-6 students learn about water quality, monitoring, and stormwater (totaling 2,100 students) with support of the SMP.

Public Involvement & Participation (MCM 2 - PI/P)

The Johnson County Stormwater Management Program funds several partners to provide services that support the compliance needs of both the county and the cities within. Specific to Minimum Control Measure 2 - Public involvement and Participation, there are two BMPs that a city can take credit for in their own 2023 Annual Report.

- PI/P-06 Establish a program to encourage residents to install BMPs.
- PI/P-08 Provide a monetary donation to a scholarship fund.

Refer to the "Summary" section above for how to take credit for these services in your 2023 Annual Report.

The SMP funds the Contain the Rain Program to support cities in involving their residents in installing stormwater treatment BMPs on their property. The Contain the Rain Program has operated since 2011, allowing cities to opt into funding (up to \$15,000 per year) to administer their program. Residents apply to their city for funding of projects such as rain barrels, rain gardens, native plantings, native trees, permeable pavement, and floating wetlands. Table 5 below breaks out the 2023 Contain the Rain participation by City.

City	2023 Participation in C	Threshold of 10% increase	
City	Amount Reimbursed Total Projects Reimbursed		in participation met*
De Soto	\$1,570.97	5	YES
Fairway	\$662.47	5	YES
Gardner	\$150.00	1	YES
Lake Quivira	\$328.00	1	YES
Leawood	\$2,225.00	4	YES
Lenexa	\$10,144.79	36	NO
Merriam	*n/a	*n/a	*n/a
Mission	*n/a	*n/a	*n/a
Mission Hills	0	0	NO
Overland Park	\$14,999.22	40	NO
Prairie Village	\$4,868.35	11	YES
Roeland Park	\$1,408.07	7	NO
Shawnee	\$911.83	7	NO
Westwood	0	0	NO
Westwood Hills	0	0	NO
TOTAL	\$35,698	113	

Table 5 - 2023 Contain the Rain Program by City

Note: If program participation increased (total projects reimbursed) by at least 10% from 2023, then extra points may be gained. Please refer to your NPDES MS4 Permit, PI/P BMP 06 for details.

* information for the City of Mission and City of Merriam was not submitted at the time of this memo.

Bridging the Gap, a non-profit based out of Kansas City, Missouri, is partially funded by the SMP to help maintain the CTR Program website and to help promote the program. In 2023, Bridging the Gap utilized social media (Facebook, Instagram and Youtube) to promote CTR to 14,000 people in the region. This included a three video series highlighting the program and examples of native plantings. Bridging the Gap was instrumental in developing the resources and guides for the program website, as well as expertise for native plants and rain barrels that are helpful for residents who are new to stormwater treatment BMPs. Below is the link to the CTR Program website:

containtherainjoco.com

The SMP also funded a graduate student in 2023 as part of a larger research project aimed at evaluating the source and transport of sediments in the surface waters of Johnson County for BMP targeting. This research study is being conducted along with Dr. Adam Husic's laboratory at the University of Kansas and will continue through 2024. A total of \$20,000 of the project funding between 2021-2024 will go to support the tuition of a graduate student tasked with completing work for this research project.

Illicit Discharge Detection & Elimination (MCM 3 - IDD&E)

The Johnson County Stormwater Management Program funds several partners to provide services that support the compliance needs of both the County and the cities within. Specific to Minimum Control Measure 3 - Illicit Discharge Detection and Elimination, there are two BMPs that a city can take credit for in their own 2023 Annual Report.

- IDD&E-02 Implement a program to oversee replacement/upgrades to septic systems.
- IDD&E-07 Implement a household hazardous waste program for the public.

Refer to the "Summary" section above for how to take credit for these services in your 2023. Annual Report.

The Johnson County Department of Health and Environment (JCDHE) has operated a site in the Mission, in the northeast part of the County, for 30 years. In 2023, the county opened a new facility in Overland Park, complete with a Free Store where reusable items are made available to the public. Under normal operations, the JCDHE site accepts HHW from any county resident who makes an appointment, which are available only during regular business hours during the week. The supplemental funding allows for the JCDHE site to schedule appointments on Saturdays from April through September to allow for increased convenience to residents unable to schedule appointments during the week.

The City of Olathe also operates a household hazardous waste collection. The Olathe HHW collection site normally would only accept household hazardous waste from Olathe residents. However, the supplemental funding provided by the SMP allows any Johnson County resident to drop off household hazardous waste at the Olathe site.

In 2023, a total of 20,104 Johnson County residents utilized both the HHW facilities to properly manage household hazardous waste. Table 6 below provides MS4-permitted, city-specific details regarding the two HHW facilities in 2023.

	2023 Participati	Total HHW	
City	Olathe HHW JOCO H		Participation by City
De Soto	62	38	100
Edgerton	19	1	20
Fairway	8	114	122
Gardner	271	59	330
Lake Quivira	0	36	36
Leawood	204	845	1,049
Lenexa	388	766	1,154
Merriam	19	149	168
Mission	27	202	229
Mission Hills	9	79	88
Mission Woods	0	4	4
Olathe	8794	209	9,003
Overland Park	1234	3179	4,413
Prairie Village	89	502	591
Roeland Park	11	164	175
Shawnee	356	870	1,226
Spring Hill	62	40	102
Westwood	0	46	46
Westwood Hills	0	11	11
Unincorporated JOCO	0	3	3
TOTAL	11,553	7317	18,870

Table 6 - 2023 HHW Participation by Facility and City

The JOCO DHE operates the On-Site Sewage Treatment Systems Program to ensure the proper design and operation of on-site septic systems. The program inspects new residential and commercial on-site septic systems, existing commercial systems, and existing residential systems subject to property transactions. The program also investigates complaints about malfunctioning on-site septic systems. There are nearly 9,000 private sewage treatment systems in the county. Table 7 below details city-specific data on inspections conducted by the JOCO DHE. Please note, cities that are not listed in Table 7 either had no inspections of on-site wastewater treatment systems and/or operate their own inspection and oversight program. Do not report no inspections without first ensuring that other city staff have not conducted inspections. Appendix D provides further detail on these inspections.

City	Total Inspections of on-site wastewater treatment systems*
Leawood	2
Lenexa	36
Merriam	6
Mission	1
Olathe	60
Prairie Village	1
Shawnee	128
Spring Hill	16

Table 7 - 2023 On-site Wastewater Treatment System Inspections by City

*Inspections completed by JOCO DHE, not including any completed by a city-itself

Construction Site Stormwater Runoff Control (MCM 4 - CSSRC)

The Johnson County Stormwater Management Program funds several partners to provide services that support the compliance needs of both the County and the cities within. Specific to Minimum Control Measure 4 - Construction Site Stormwater Runoff Control, there is one BMP that these services meet that a city can take credit for in their own 2023 Annual Report.

• CSSRC-03 - *Provide at least one training for contractors.*

Refer to the "Summary" section above for how to take credit for these services in your 2023 Annual Report.

The SMP works with the Johnson County Contractor Licensing to provide education and informational resources for contractors licensed in Johnson County. On October 31, 2023, the Johnson County Contractors Licensing Program offered two 4-hour classes that provided training for contractors on proper erosion and sediment control at construction sites. There were a total of 72 attendees and 45 attendees took the exam at the end of the class to become a "Johnson County Certified ESC Inspector."

Total Maximum Daily Loads (TMDLs)

The Johnson County Stormwater Management Program completes activities as well as funding George Butler Associates to provide services that support the compliance needs of both the

County and the cities within. Specific to TMDLs, these services include only the wet-weather event monitoring and reporting of water quality results pursuant to the NPDES MS4 Permit of Unincorporated Johnson County. The SMP monitors the stations identified in Appendix E on a routine basis to support a regional approach to TMDL monitoring, the language of which is included in the above-mentioned Permit. Please note, most cities have TMDL requirements listed in their NPDES MS4 Permit, but some do not. Refer back to Part II of your city's Permit for details on TMDL compliance.

APPENDIX A:

JOCO Stormwater Management Program 2023 NPDES Services Budget

ВМР	Service Detail/Partner	Budget
PEd&O-02	K-State Research & Extension JOCO Office - Educational Information	\$41,060.00*
	K-12 Education - Friends of the Kaw	\$40,000.00
PEd&O-08	K-12 Education - Stone Lion Puppets	\$20,000.00
	K-12 Education - Hillsdale WRAPS	\$10,000.00
	Contain the Rain Program	\$117,000.00
PI/P-06	Contain the Rain Support and Workshops - Bridging the Gap	\$14,300.00
PI/P-08	Graduate Student Scholarship - University of Kansas	\$20,000.00
IDD&E-02	DHE On-site Inspection Program	
IDD&E-07	City of Olathe HHW Facility	\$90,000.00
	DHE HHW Facility	\$90,000.00
CSSRC-03	GBA - Erosion Control Inspector Classes	\$6,955.00
TMDL	GBA - TMDL Water Quality Monitoring	\$127,462.00
ΤΟΤΑΙ	2023 NPDES SERVICES BUDGET	
OTHER	MARC Water Quality Education Committee Membership (for all JOCO cities)	\$45,000.00
UTHER	Olathe North High School - Rain Barrel and Rain Garden Workshops	\$12,750.00

*K-State Research & Extension budget includes the costs of providing free soil testing services to residents of JOCO

APPENDIX B:

K-State Research and Extension Office - JOCO

2023 JoCo Magazine Information Articles/Advertisements



Simple actions add up to protect Johnson County water quality.



Spring 2023 Issue Contain the Rain

BY IAN FANNIN-HUGHES

Residents in the following cities are eligible for reimbursement through the Contain the Rain Program:

• De Soto	• Leawood	Mission Hills	Shawnee
• Gardner	• Lenexa	Overland Park	Westwood
• Fairway	Merriam	Prairie Village	Westwood Hills
• Lake Quivira	Mission	Roeland Park	 Plus Unincorporated Johnson County

It's that time of year again! Time to get the shovels, gloves and seeds out for another year in the dirt. If you are looking for a way to improve your home AND help the environment, look no further. Johnson County's Contain the Rain Program will be opening for its 13th year this spring to residents who want to help protect our valuable water resources through the installation of native plants and treatment of stormwater. Through this program, Johnson County provides funds for cities to administer reimbursements for residents who install approved projects.

Residents who wish to receive reimbursement must install one or more of the following projects:

• cisterns	 native plant swales 	• rain barrels
 floating wetlands 	• native tree(s)	 rain gardens

• impervious pavement

For residents concerned about the environment and climate change, taking part in the Contain the Rain Program is one of the best hands-on actions we can take to make our communities more climate resilient. Projects like rain gardens not only benefit the environment by preventing pollution, but they also help support our local pollinator species, make our lawns more resilient and help reduce unnecessary water usage.

Let's work together to improve water quality and stop stormwater pollution in Johnson County! If you would like more information or already have a project in mind, please visit our program website at **containtherainjoco.com**. You can find information about your city's program, how to plan a project and resources to help get your project off the drawing board.

Fall 2023 Issue Fall leaves: nature's gift from the suburban tree canopy

BY LESLEY RIGNEY

Here in Johnson County, we live in a suburban forest, with many cities sheltered in a canopy of trees covering more than half of the land! Urban and suburban forests provide many benefits to residents:

- Conserving energy
- Trapping and slowing rainwater
- Improving air and water quality
- Providing natural beauty for us
- Creating a critical habitat for wildlife

Those same oaks, maples and other trees that bring us such relief in the summer, and colorful beauty in the fall, drop mountains of leaves that residents sometimes view as a nuisance rather than the gift from nature that they actually are. Let's consider some alternative ways to sustainably manage your fall leaves – a wonderful and cost- effective source of mulch and organic matter for your lawns and gardens.

Mulch: Using leaves for mulch is simple! Raking or bagging leaves to pile up on and around trees, shrubs and other landscaping for winter provides protection from harsh winter weather and will add organic matter to the soil as it breaks down. Leaves can be shredded by mowing before bagging to quicken the breakdown process.

Compost: Leaves piled up and contained with wire fencing or other compost bin will eventually turn into rich, organic compost. To quicken the composting process, add nitrogen in the form of manure or grass clippings and moisten/turn the pile in warm weather. See more detailed instructions for composting leaves at **bit.ly/JoCo-KSRE-Composting**

For residents intent on ridding their yards of fallen leaves, most cities have yard waste pick- up services. Whatever choice you make to manage leaves this fall, avoid blowing or raking leaves into the streets, where they can end up in storm drains, blocking the flow of water and causing pollution and flooding downstream.

APPENDIX C:

JOCO Department of Health & Environment

2023 Illicit Discharge Event Details

This info still forthcoming.

APPENDIX D:

JOCO Department of Health and Environment

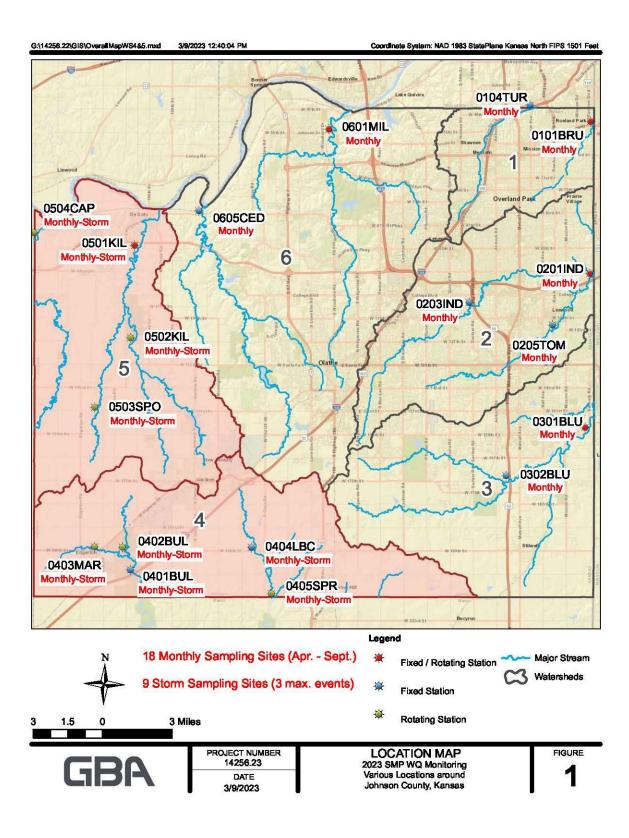
2023 On-Site Wastewater Treatment System Inspection Details

Type of Inspection	Leawood	Lenexa	Merriam	Mission	Olathe	Prairie Village	Shawnee
Resale-	2	17	4	1	13	0	44
Commercial-	0	19	2	0	47	1	84
Soil Profile Analysis-	0	7	2	0	7	0	10
Minor Repair-	0	4	1	0	7	0	23
Decommissioned-	0	2	5	0	6	0	12
Installation Permits-	0	13	2	1	10	0	26
* New Construction *	0	2	1	0	8	0	11
* Major Repairs *	0	11	1	1	2	0	15
TOTAL	2	75	18	3	100	1	225

APPENDIX E:

JOCO Stormwater Management Program 2023 TMDL Monitoring Location Map

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Monthly news & updates

January 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

January



City Offices Closed in Observance of Martin Luther King Jr. Day



BZA Hearing

February



City Council Meeting



Yard Waste Collection

- 16 Planning Commission Meeting
- 20 City Offices Closed in Observance of Presidents' Day



Winter Yard Waste Collection Schedule

The regular **weekly** yard waste collection ended on Monday, December 26, 2022. For the months of February and March, there will only be one yard waste collection per month. The collection will occur on the second Monday of each month - February 13, and March 13, 2023. Weekly yard waste collection resumes on April 3, 2023.

If there are any questions or missed pickups, please contact Scott Mathews at <u>kscottmathews@gmail.com</u>.

The National Suicide Prevention Line is reachable at 988 and will direct callers to local crisis centers for assistance. The existing crisis line for Johnson Country



Mental Health Emergency Services is still accessible at (913) 268-0156.

Johnson County Severe Weather Guide

Severe weather is possible in Johnson County throughout the year. This hazardous weather can put people's safety at risk and cause damage to property. Johnson County Government has <u>created an online guide</u> to help residents prepare for and monitor severe weather.

COVID-19 HELPFUL INFORMATION

COVID Home Test Expiration Extension

The FDA extended the shelf-life of the various at home over the counter COVID-19 Diagnostic tests. Go <u>Here</u> for more details and to look up new expiration dates by lot numbers.

COVID-19 Vaccinations:

Schedule an appointment with the County at https://jocovaccine.rsvpify.com/.

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https://www.gogettested.com/kansas#bookin g-widget Free COVID-19 testing for Johnson County residents is available at the Department of Health and Environment's <u>Olathe location</u>. Go to <u>https://www.jocogov.org/schedule-covid-19-test</u> for more information or to schedule a test.

WEATHER

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Stormwater Management Plan and Annual Report

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CITY OF WESTWOOD HILLS, KS | www.westwoodhillsks.gov

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Monthly news & updates

February 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

February



City Offices Closed in Observance of Presidents' Day

March



City Council Meeting Yard Waste Collection

- 16
- Planning Commission Meeting



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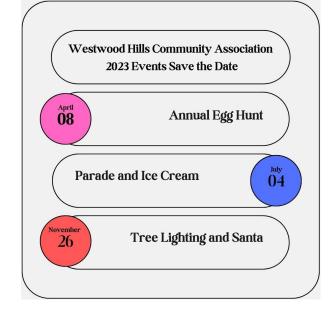
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If there are any questions or missed pickups, please contact Scott Mathews at <u>kscottmathews@gmail.com</u>.

There will not be a February Planning Commission Meeting

HOA/COA Calendar of 2023 Events

Save the Date: Egg Hunt and Arbor Day Celebration



The Annual Arbor Day Celebration and Egg Hunt will take place on The Green, Saturday, April 8, 2023, at 10 AM. Don't miss this



chance to see the bunny and enjoy donuts, juice, and coffee with your neighbors. There will also be an egg hunt for the children. Thank you to the Westwood Hills Community Association for putting on this always fun event.



Johnson County Catch-a-ride Program

Catch-a-Ride (CaR) is a social service program that provides volunteer transportation to medical appointments, food pantries, and social service agencies within Johnson County.

CaR is available for Johnson County residents who are 60+ or have a physical disability or 18+ who are in a life transition and currently do not drive.

All CaR participants must complete an application and be accepted into the program before placing a ride request. For more information about this program visit the <u>Johnson</u> <u>County Catch a Ride Program webpage</u>.

The Northern Johnson County cities won the annual MARC "Outstanding Green Event" recognition for their Go Green! 2022 event. The event will now be an annual event, and planning for 2023 began in January 2023. If anyone is interested in being a Westwood Hills co-chair, please contact Councilwoman Shelor at kls@sextonandshelor.com. The chairs meet monthly via Zoom.





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Monthly news & updates

March 2023 - CITY OF WESTWOOD HILLS



There will not be a March Planning Commission Meeting

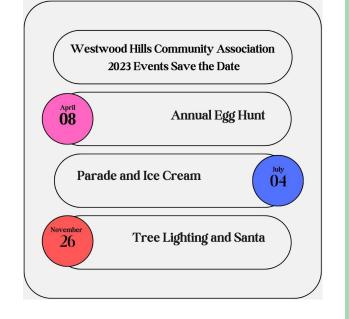
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Utility Bill Assistance Program

Findenergy.com has launched a website to find utility bill assistance. Click <u>here</u> to find organizations to help with your utility bills.

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Monthly news & updates

April 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

April

There will not be an April Planning Commission Meeting



Smart Recycling Workshop



Volunteer Day on The Green Drug Take Back Day Deep Roots Earth Day Festival

May



13

18

City Council Meeting

2024 Budget Workshop

Planning Commission Meeting



Please join The Green Team on Saturday, April 22, 2023, from 10 am to noon for a volunteer work day. Bring your rakes, weed diggers, and pruning shears. We will start our cleanup on the 50th Street side.

Wednesday, April 26, 2023, from 4 pm-5:30 pm will be the backup day if it rains or if we need to finish anything from Saturday.



There will **not** be an April Planning Commission Meeting

2023 Elections

The candidate filing deadline is June 1, 2023 (for the November 7, 2023 election). Applications must be submitted in person at the Johnson County Election Office - 2101 E. Kansas City Road, Olathe, KS 66061.

Westwood Hills City Council is comprised of a Mayor and five City Council persons



- all serving a two-year term. You can find more information on filing here.

Stormwater Cost Share Program

The City of Westwood Hills encourages individual homeowners to incorporate Stormwater Best Management Practices (BMP) on their properties to aid in the improvement of local and regional water quality.

At the same time, the City encourages planting native plants and trees to support the natural ecosystem and provide food for pollinators like bees and butterflies. The BMP Cost Share program will reimburse applicants up to 50% of eligible expenses, not to exceed a project reimbursement cap for the proper installation of the following best management practices:

Project TypeProject Reimbursement CapRain Barrel\$75 per barrel, up to twoNative tree planting\$150 per tree, up to twoRain garden/pollinator garden\$1000

Go to <u>containtherainjoco.com</u> for the application. All projects must be installed by October 31, 2023. Requests for refunds must be received by November 30, 2023.

Start planning your garden now. Visit the <u>K-State Research and Extension Online Gardening</u> <u>Calendar to help with your planning</u>.

Contain the Rain

BY IAN FANNIN-HUGHES

It's that time of year again! Time to get the shovels, gloves and seeds out for another year in the dirt. If you are looking for a way to improve your home AND help the environment, look no further, Johnson County's Contain the Rain Program will be opening for its 13th year this spring to residents who want to help protect our valuable water resources through the installation of native plants and treatment of stormwater. Through this program, Johnson County provides funds for cities to administer reimbursements for residents who install approved projects.



Residents in the following cities are eligible for reimbursement through the Contain the Rain Program:

De Soto	 Leawood 	Mission Hills	 Shawnee
Gardner	• Lenexa	Overland Park	• Westwood
Fairway	Merriam	Prairie Village	Westwood
Lake Quivira	Mission	Roeland Park	• Plus Uninco

Roeland Park
 Plus Unincorporated
 Johnson County

rain barrels

Residents who wish to receive reimbursement must install one or more of the following projects:

- cisterns
 native plant swales
- floating wetlands
 • native tree(s)
 • rain gardens
- impervious pavement

For residents concerned about the environment and climate change, taking part in the Contain the Rain Program is one of the best hands-on actions we can take to make our communities more climate resilient. Projects like rain gardens not only benefit the environment by preventing pollution, but they also help support our local pollinator species, make our lawns more resilient and help reduce unnecessary water usage.

Let's work together to improve water quality and stop stormwater pollution in Johnson County! If you would like more information or already have a project in mind, please visit our program website at **containtherainjoco.com**. You can find information about your city's program, how to plan a project and resources to help get your project off the drawing board.

Deep Roots & GaleHart Communities Present Earth Day Festival & Native Plant Sale & Callery Pear Buyback Are you looking for high-quality native plant plugs to enhance your home's landscape? Are you interested in learning more about what regional organizations are doing to benefit the environment and the local community? And do you enjoy spending time outside learning from experts on how best to plant and maintain your native landscapes? If you answered yes to any of these, then the Earth Day 2023 Native Plant Sale is for you!



Join Deep Roots on Saturday, April, 22 from 10 am to 2 pm at the MCC-Longview Campus. Learn more by clicking <u>here.</u>



Drug Take Back Day

Turn in your unused, unneeded, or expired medication for safe disposal on Saturday, April 22, 2023, from 10 am-2 pm. There are several disposal sites near Westwood Hills, one being the Fairway Hen House. Go to <u>DEATakeBack.com</u> for more collection sites.

Budget Workshop

The 2024 Budget Workshop will take place on Saturday, May 13, 2023, at 9:30 a.m. at the offices of Higdon and Hale CPA - 6310 Lamar, Suite 110, Overland Park, KS 66202. All residents are welcome to attend.



Egg Hunt & Arbor Day Celebration Photos











National Gun Violence Awareness Day

At the April City Council Meeting, Mayor Podrebarac signed a proclamation proclaiming June 2, 2023, to be National Gun Violence Awareness Day. Click <u>here</u> for the proclamation. Gun locks are available at the Westwood Police Department, located in City Hall - 4700 Rainbow Blvd. There is no charge to receive gun locks.

Johnson County Revaluation Report

The annual Revaluation Report provides an overview of the valuation process. It includes illustrations and charts showing the impact of residential real estate, commercial real estate, and personal property values in Johnson County. Find the Revaluation Reports <u>here</u>.

Smart Recycling Workshop

Wednesday, April 19, 7:00 PM Powell Community Center, 6200 Martway, Mission, KS

Join Sustainability Commission member Terri Baugh, City of Mission, KS, to hear a presentation about what is recyclable and what is not in today's world. There have been some major changes to recycling in the last few months. This will be a "show and tell" type of presentation that will help everyone walk away with 'current' knowledge of how they can recycle correctly.

Information will also be provided for Specialty Recycling such as electronics, glass, holiday lights, batteries, polystyrene foam, and plastic bags. Everyone will receive a recycling guide for further reference to be used at home.

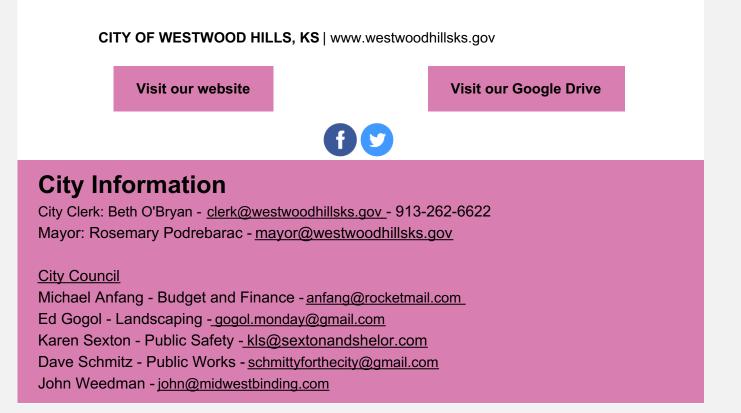


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Stormwater Management Plan and Annual Report

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Monthly news & updates

May 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:





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Thank you to our Volunteers!

Thank you to Ed and Janet Gogol, Nancy Ralston, Cheryl and Mike Hill, Martha and Steven Platt, Anne LaPrade, Dustin Neal, Cameron Fiser, and Ludwig Villasi who cleaned up The Green on April 22, 2023! They filled up 14 yard waste bags! The Green would not look as beautiful without these dedicated volunteers.





Stormwater Cost Share Program

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 Shawnee Lenexa Gardner Overland Park
 Westwood Fairway Merriam Prairie Village
 Westwood Hills Lake Quivira
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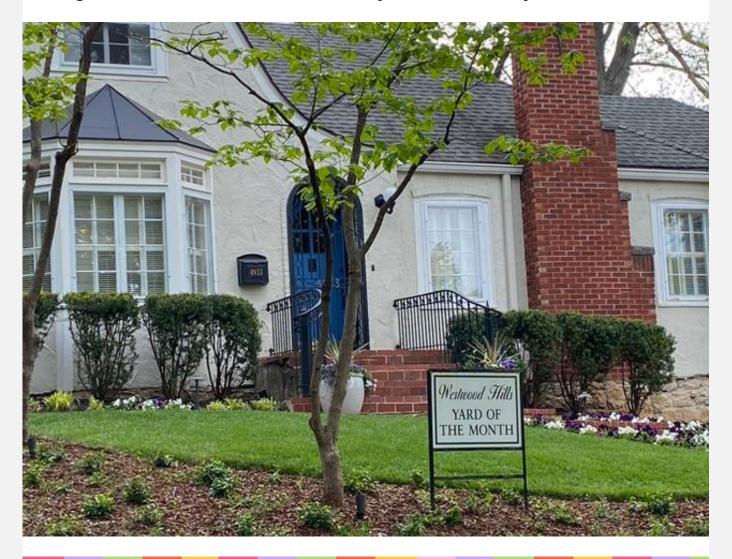
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Congratulations to Cameron Fiser and Carly Banks for the May YOTM!



VOLUNTEER

Volunteers Needed for the Environmental Fair

Please consider serving as a volunteer for this year's Go Green 2023 Environmental Fair which is sponsored by all of Johnson County's northeast cities. Last year we won the MARC (Mid America Regional Council) Award for the Best Environmental Education Event. This year it will be better than ever. Last year we had hundreds of attendees and two giant conference areas filled with booths for environmental services, products, and educational materials about not only how to be

better environmental stewards but how to get tax credits for the products we chose to maintain our homes and yards.

We need volunteers who can help out between 7.30 a.m. until noon or any hours between those times on Saturday, September 23, 2023. There is no heavy lifting but mainly our job is to help the vendors/education providers to get to their tables and set up, help the vendors take breaks for a bathroom run, get them coffee or water, or help with announcing and passing out door prizes. Help will also be needed with the children's activity tables.

Providing volunteers is the designated participation mission for the City of Westwood Hills. Any help would be most appreciated. Plus if you know of anyone else who would volunteer – please pass on their name to me. Finally, if you know of any high schoolers who would like Volunteer Credit for high school or for their college applications I will be most happy to write up a glowing report for their service. Please contact Karen Sexton at kls@sextonandshelor.com to volunteer.

Many thanks for your consideration!! More thanks for your willingness to participate!!

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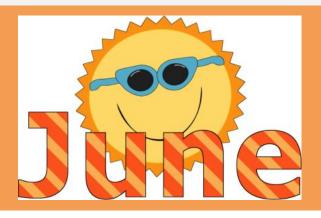


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Monthly news & updates

June 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

June

There will not be a June Planning Commission Meeting



Juneteenth - City offices closed



July



Fireworks Display



4th of July parade 4th of July - City offices closed



City Council Meeting



Planning Commission Meeting



2023 Elections The following citizens filed for the November elections: Mayor: Rosemary Podrebarac City Council: Ed Gogol, Dave Schmitz, and Karen Sexton.

There will be two City Council openings at the next election. If you are interested or want more information, please contact the City Clerk at clerk@westwoodhillsks.gov.



There will not be a June Planning **Commission Meeting.**



4th of July Parade

Please join your friends and neighbors on Tuesday, July 4th, at 11:00 AM for the 2023 Westwood Hills 4th of July parade. This event is sponsored by the Westwood Hills Community Association.

Please line up at the corner of 49th St. and Rainbow by 10:45 am. The parade begins at 11:00 AM at the corner of 49th Street and Rainbow and will proceed to Flag Island via Glendale. Both 49th Street and Glendale Road will be barricaded during the parade.



Everyone is encouraged to dress patriotically and to decorate their bikes, scooters, strollers, and pets to march in the parade. A prize will be awarded for the best decorations.

The Westwood Hills Community Association will provide sweet treats at Flying Cow Gelato Shop after the parade. Hope to see you there.



Meet the 2023 4th of July Grand Marshalls

This year the Westwood Hills Community Association, which sponsors our Annual 4th of July parade and ice cream social voted to name Ludwig and Klára Villasi as this year's Grand Marshalls. The Villasi's will be riding in the parade behind our police escort.

Ludwig and Klára have resided at 2000 W 50th Street

since 2004. (2000 W. 50th Street is the first house completed in Westwood Hills). Throughout their residency in our City, they have been model residents, neighbors, friends, and volunteers. Ludwig served one term on the Westwood Hills Planning Commission, and then 4 terms as a member of the Westwood Hills City Council. Klára has been an active member of the Westwood Hills Home Association and Community Association from the beginning of their residency to the present. Her greatest contribution has been the success of our Annual Homeowners Meeting and dinner each Fall.

Another significant reason for choosing them as Grand Marshalls is that they both represent and remind all of us of the realization of the dream of becoming and being an American citizen and enjoying the American promise of freedom. Both Klára and Ludwig were born in Budapest, Hungary.



Fireworks Display

The Annual Independence Day Fireworks Display is back! The display will be held Monday, July 3, 2023, at Bishop Miege High School. The Fireworks will begin approximately at 9:30 p.m. or dusk. Be sure to bring lawn chairs and blankets. Attendees are encouraged to walk to this event, as parking space is limited. The display is sponsored by the cities of Westwood Hills, Fairway, Mission Woods, Roeland Park & Westwood

New Demonstration Rain Garden on The Green



Stormwater Cost Share Program

The City took advantage of the cost share program and had a demonstration rain garden installed on the south side of The Green (pictured above). Plant signage will be forthcoming. A special thank you to Nancy Ralston and Ed Gogol for working with Parsons' Gardening on designing the garden, and to Nancy for helping to install the rain garden.

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Congratulations to 2204 West 50th Terrace for the June YOTM!





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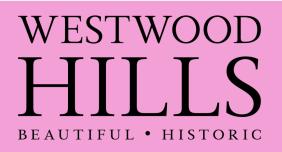
John Weedman - john@midwestbinding.com

City of Westwood Hills | 2216 West 49th St., Westwood Hills, KS 66205

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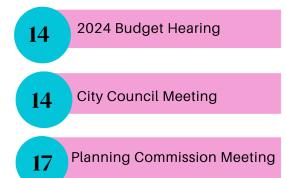


Monthly news & updates

July 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

August



September





July Planning Commission Meeting

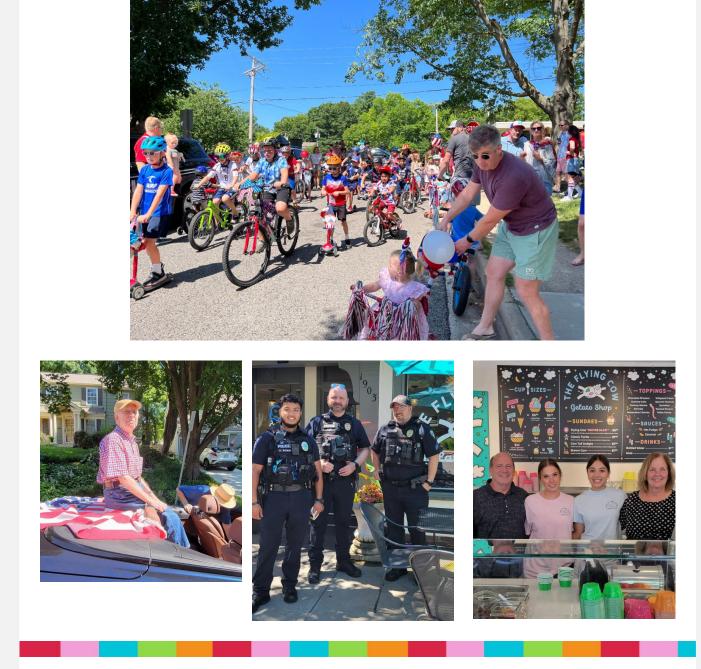
The Planning Commission will meet at 7:00 pm on July 20, 2023, in the Community Room at Westwood City Hall - 4700 Rainbow Blvd.



2024 Budget Hearing

The 2024 Budget Hearing will be held on August 14, 2023 at 7:00 p.m. The August regular council meeting will immediately follow the hearing.

4th of July Fun!



Johnson County Health & Environment Survey



What factors have the greatest impact on our community's health and well-being?



Share your views to be placed in the running for a \$100 gift card.

JOHNSON COUNTY Health & Environment

Congratulations to 2107 West 49th Terrace for the July YOTM!



Stormwater Cost Share Program



The City took advantage of the costshare program and had a demonstration rain garden installed on the south side of The Green (pictured above). Plant signage will be forthcoming. A special thank you to Nancy Ralston and Ed Gogol for working with Parsons' Gardening on designing the garden, and to Nancy for helping to install the rain garden.

The City of Westwood Hills encourages individual homeowners to incorporate Stormwater Best Management Practices (BMP) on their properties to aid in the improvement of local and regional water quality.

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Start planning your garden now. Visit the <u>K-State Research and Extension Online Gardening</u> Calendar to help with your planning.



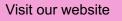
The National Suicide Prevention Line is reachable at 988, and the call center will direct callers to local crisis centers for assistance. The existing crisis line for Johnson Country Mental Health Emergency Services is still accessible at (913) 268-0156.



Stormwater Management Plan and Annual Report

The 2021 Stormwater Management Plan and the 2022 SMP Annual Report can be found on the City's <u>website</u>.

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Monthly news & updates

August 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

September



There will not be an August Planning Commission Meeting

Back to School

If you haven't noticed, Shawnee Mission schools are back in session. There are two elementary schools located on 50th Street in Westwood. Please be mindful of kids crossing streets in both Westwood Hills and Westwood.



The Annual Westwood Hills Dinner will take place on Monday, October 23, 2023, at Lidia's. Please join your neighbors for this always fun event sponsored by the Westwood Hills Homes Association and the Community Association. More details to follow.

A Note from Mike Coffman - The Westwood Hills Historic Foundation President As we celebrate the 100th anniversary of the establishment of our community of Westwood Hills, August also marks the 10th anniversary of our designation as a National Historic District. We continue to be one of the very few cities in the United States that have received this designation for a city in its entirety. Established in 2004 by the work of a dedicated group headed by Karen Sexton, the Westwood Hills Historic Foundation's charge has been to take on civic challenges that have fallen outside the city's tight operating budget. There have been many examples in the past years where the Foundation, along with guidance and support from the City Council, has been able to finance and support important projects. Of course, none of the board's work would have been possible without the generosity of city residents. Working together, Westwood Hills has become and continues to be a community of choice and always the "Most Beautiful Little City in Kansas."

Go Green in 2023!



Mark your calendar for Go Green 2023! This FREE family-friendly environmental fair will show you how taking small steps to reduce your carbon footprint at home, school, and work will help the environment and save money. Highlights will include information and items from more than 40 local exhibitors to help you live a more sustainable life, a thrift store fashion show, PCs for People electronics recycling, a performance by Eco Elvis, children's activities, and fun door prizes. Join us from 9 a.m. - noon on Saturday, September 23 at the Powell Community Center in Mission, Kansas.

Learn more at: https://www.missionks.org/gogreen

Johnson County Health & Environment Survey



What factors have the greatest impact on our community's health and well-being?



Share your views to be placed in the running for a \$100 gift card.

JOHNSON COUNTY Health & Environment





Stormwater Cost Share Program

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Start planning your garden now. Visit the <u>K-State Research and Extension Online Gardening</u> <u>Calendar to help with your planning.</u>



City of Westwood Planning Commission Meeting

The City of Westwood will hold a Planning Commission meeting at 7:00 pm on September 11, 2023. More information can be found on Westwood's website at <u>www.westwoodks.org</u>. The Karbank redevelopment proposal for the property and 50th Street and Rainbow Boulevard is anticipated to be an item on the agenda.



The National Suicide Prevention Line is reachable at 988, and the call center will direct callers to local crisis centers for assistance. The existing crisis line for Johnson Country Mental Health Emergency Services is still accessible at (913) 268-0156.



Stormwater Management Plan and Annual Report The 2021 Stormwater Management Plan and the 2022 SMP Annual Report can be found on the City's website. CITY OF WESTWOOD HILLS, KS | www.westwoodhillsks.gov

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Monthly news & updates

September 2023 - CITY OF WESTWOOD HILLS



September



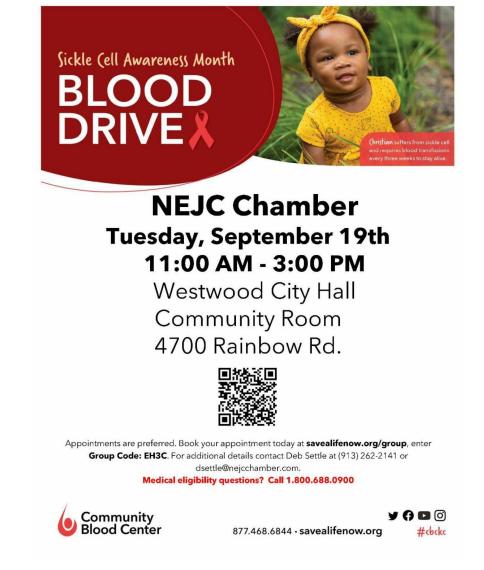
There will not be a September Planning Commission Meeting



The Annual Westwood Hills Dinner will take place on Monday, October 23, 2023, at Lidia's. Please join your neighbors for this always fun event sponsored by the Westwood Hills Homes Association and the Community Association. Check your inbox for the invitation.

Blood Drive

When you roll up your sleeve to share your good health with someone in need, you begin a unique story that can only be told with your selfless act of giving. Whether it's the story of what prompted you to begin giving blood, the story of what motivates you to continue, or the story of the patient on the other side ... every drop tells a story.



Community Blood Center was created by the Kansas City community for the Kansas City community. Over sixty years ago, no blood collection and distribution agency served the greater Kansas City area and its surrounding counties. Instead, hospitals were each responsible for collecting blood for their own use.

Schedule Your Donation!

Westwood Hills Historic District Tax Credit Report*

Since 2014, 100 Total Projects have been submitted to the State of Kansas for Tax Credit Review. Currently, 25 of those are open and ongoing projects.

Investment in Historic Rehabilitation Tax Credit Projects

\$5,172,528 (includes completed and open projects) \$1,083,058 in Total State Tax Credits Issued for completed projects

Economic Impact of the Investment in the Historic Rehabilitation Projects

\$5,172,528 in investment has generated:
85 newly created jobs
\$1,069,600 in State, Federal, and local taxes generated
\$6,143,300 in Economic Output (money that has been introduced to the State's Economy)
\$3,523,300 in Gross State Product

Projects Completed by Year



2014—10 Projects 2015—8 Projects 2016—5 Projects 2017—10 Projects 2018—12 Projects 2019—4 Projects 2020—3 Projects 2021—5 Projects 2022—8 Projects *Report provided by The Kansas State Historic Preservation Office (SHPO).



Go Green Environmental Fair on Saturday, September 23rd

Join us for Go Green 2023! This event will be held on Saturday, September 23, 2023, from 9 a.m. to noon at Powell Community Center, located at 6200 Martway in Mission.

This FREE family-friendly Environmental Fair aims to show you how each small step you take can help reduce your carbon footprint at home, school, and work and save money while doing so. Local businesses and nonprofits will provide information and items to help you live a more sustainable life.

GO GREEN:

EXHIBITORS

More than 40 exhibitors will educate attendees on the environmental impact of their consumer actions and choices and how making small changes can reduce household expenses.

ENTERTAINMENT

The one-of-a-kind Eco Elvis, who describes himself as a "mix between Elvis, Weird Al Yankovic, and Greta Thunberg" will perform from 9:30 to 11:30 a.m. Eco Elvis sings parodies to "edutain" people about how to take care of themselves, each other, and our home, Planet Earth.

CHILDREN'S ACTIVITIES

Bring your kids – children will be in for lots of fun and educational activities. And yes, there will be face painting!

ELECTRONICS RECYCLING

PCs for People will take old computers and electronics, focusing on laptops, desktops, and monitors and recycling them at the event. There is no need to remove or wipe hard drives ahead of time as they offer certified data destruction and recycling services. Fees apply for certain items. Learn more about this service.

FASHION SHOW

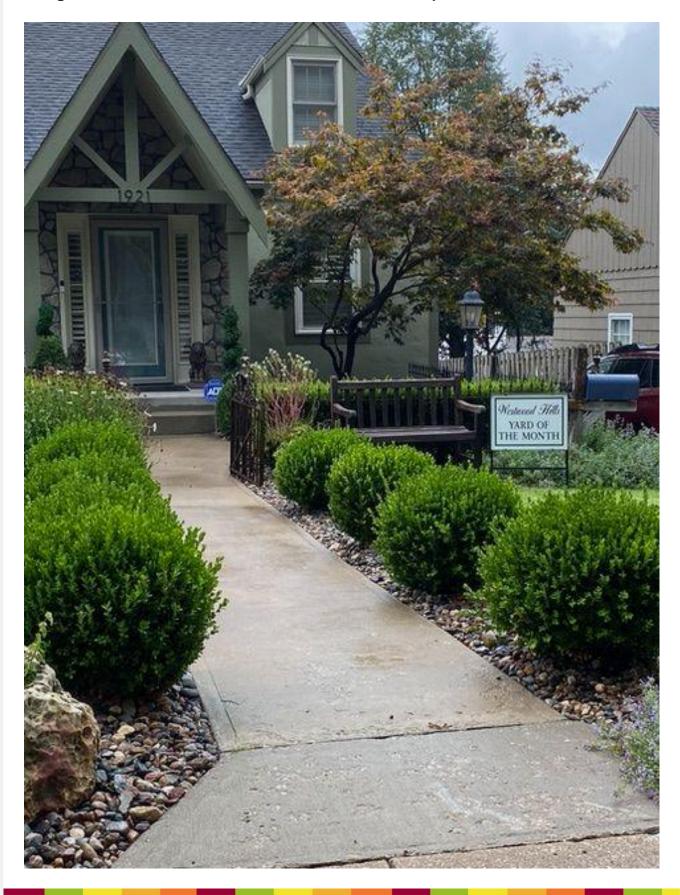
New this year will be a multi-generational thrift store clothing fashion show, which will go on throughout the fair.

EVENT HOSTS

Go Green 2023! is brought to you by the Cities of Fairway, Merriam, Mission, Mission Hills, Mission Woods, Prairie Village, Roeland Park, Westwood, and Westwood Hills.

Learn more at: https://www.missionks.org/gogreen

Congratulations to 1921 West 48thTerrace for the September YOTM!



September Proclamations and Resolution

At the September City Council Meeting, Mayor Podrebarac proclaimed the month of September as <u>Suicide Prevention Month</u> and September 18-24, 2023 as <u>Diaper Need Awareness Week</u>. The City Council also passed <u>Resolution 2023-2</u>, recognizing the growing problem of antisemitism in the United States.



Halloween

The City entrances, with the exception of 50th Terrace, will be barricaded at both Rainbow Blvd. and State Line Rd. from 5:00 - 8:00 p.m. on October 31, 2023. Because of the anticipated traffic on Rainbow due to rush hour and the Awaken Church Halloween party, the City asks that residents use State Line Road to enter the City during this time frame.

Stormwater Cost Share Program



The City took advantage of the Johnson County cost-share program and had a demonstration rain garden installed on the south side of The Green (pictured). Plant signage will be forthcoming. A special thank you to Nancy Ralston and Ed Gogol for working with Parsons' Gardens on designing the garden and to Nancy for helping to install the rain garden.

The City of Westwood Hills encourages individual homeowners to incorporate Stormwater Best Management Practices (BMP) on their properties to aid in the improvement of local and regional water quality.

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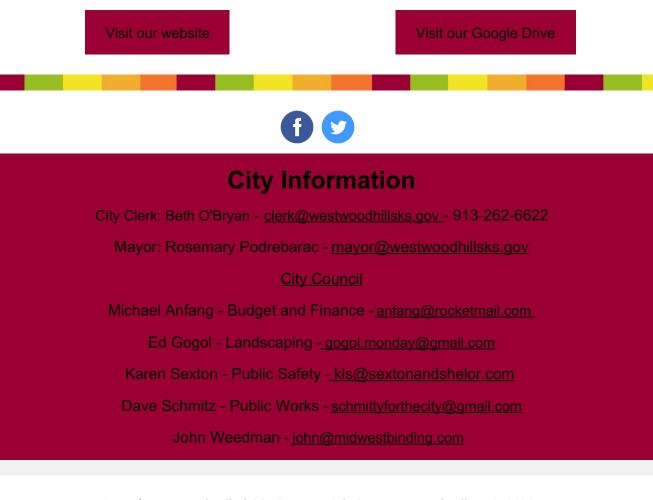
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Stormwater Management Plan and Annual Report

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Monthly news & updates

October 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

October

23HOA Annual Dinner31Halloween

November







The City entrances, with the exception of 50th Terrace, will be barricaded at both Rainbow Blvd. and State Line Rd. from 5:00 - 8:00 p.m. on October 31, 2023. Because of the anticipated traffic on Rainbow due to rush hour and the Awaken Church Halloween party, the City asks that residents use State Line Road to enter the City during this time frame.



Leaf Pickup will take place on Sunday, December 10, 2023. More information to follow.

The Annual Westwood Hills Dinner will take place on Monday, October 23, 2023, at Lidia's. Please join your neighbors for this always fun event sponsored by the Westwood Hills Homes Association and the Community

Association.



\$25/person will include six passed Hors D'oeurves: Beef and pork meatballs Bruschetta

Arancini Stuffed peppers (gluten free) Mushroom, truffle, and fontina (gluten free) Crispy baked shrimp

A display of assorted salumi, Italian cheese, Giardiniera, and house made bread. A cash bar will be available. Please RSVP <u>here</u> by Thursday, October 12th, 2023.

Please make checks payable to Westwood Hills Community Association and deliver to Alison Troutwine: 2019 W. 49th Street Westwood Hills, KS 66205 or Venmo Alison Troutwine (@Alison-Troutwine, last four digits 7691).

2023 Elections

The following citizens filed for City Council positions and will appear on the ballot for the November 7th, 2023 election: Mayor: Rosemary Podrebarac City Council: Ed Gogol, Dave Schmitz, and Karen Sexton.

There will be two City Council openings at this election. Councilman John Weedman would also like to serve another term but was not able to file with the County in time. Should you wish to retain John as a councilman, please write in his name on your ballot.



Go Green 2023! Environmental Fair

The 2023 Fair was a great success. Thank you to Karen Sexton for serving on the planning committee and volunteering at the fair. Thanks also to Mike Sexton, Richard and Laura Carey, the Herring Family, and Hallie O'Bryan for also volunteering at the fair.













October is **Domestic Violence Awareness Month**. On **October 19, 2023**, Safehome is asking residents to show their solidarity by wearing **PURPLE** and sharing pictures on Safehome's social media sites.

Facebook: https://www.facebook.com/safehomeks/ Instagram: @Safehomeks

Stormwater Cost Share Program - Deadline Approaching!



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Monthly news & updates

November 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

November 16 Planning Commission Meeting 26 Tree Lighting Ceremony and Santa Claus Event December 10 Leaf Collection 11 City Council Meeting

12 Street Sweeping





Santa Claus is coming to Westwood Hills! You have an invitation from the

Westwood Hills Community Association! Please join us on Sunday, November 26, 2023, at 6:00

p.m. on The Green for the Mayor's Holiday Lighting. Santa will make an appearance. We will have music from the Dickens Carolers and hot chocolate provided by Annedore's Fine Chocolates. Be sure to bring your wish list because a mailbox will be waiting so that Santa can gather your letters. We extend our appreciation to the Weedmans and Annedore's for all they do to support our community- thank you!



Leaf pickup will take place on Sunday, December 10, 2023, and street sweeping will take place on Tuesday, December 12, 2023. See the below article for more details. The Annual Westwood Hills Dinner was held on Monday, October 23, 2023, at Lidia's. A fun time was had by all who attended. A special thank you to everyone who planned the event.



2023 Election Results

The following citizens were elected to the City Council positions: Mayor: Rosemary Podrebarac City Council: Adam England, Ed Gogol, Dave Schmitz, Karen Sexton and John Weedman.

A special thank you to these citizens for their service to the city.



October YOTM

Congratulations to 2117 West 49th Street for the **October** YOTM!





Leaf Pickup / Vacuum Removal at the Curb Sunday, December 10, 2023

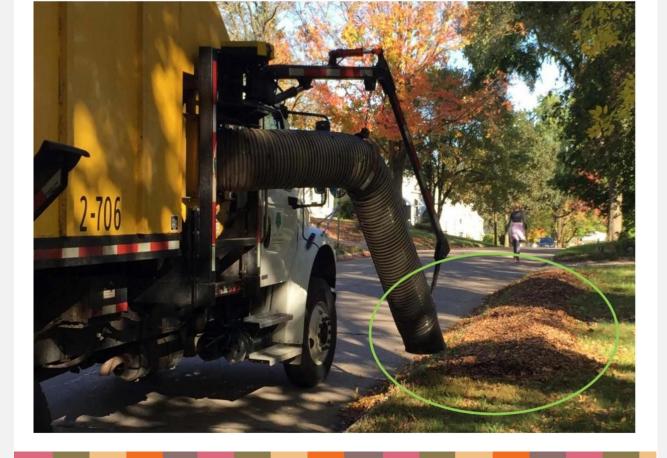
Rake leaves in long piles behind the curb. Leaves must be kept out of the street. Leaves in the street will not be collected and must be removed by the resident.

Leaves should be placed within 8 feet of the back of the curb. If

landscaping is within 8 ft. of the back of the curb, leaves must be placed in the driveway on the day of the pickup.

- If sidewalks abut the curb, leave 3 ft. of passable sidewalk space between the curb and leaf piles for pedestrian use.
- Place leaves behind the curb the day prior to the scheduled pickup date.
- Keep leaf piles free of limbs and litter. The ability to use the vacuum and compost the leaves is dependent on a leaf only collection stream.
- Keep leaves away from obstacles like your trash collection carts, mailboxes, cars, and utility poles.
- Do not park your vehicle in front of leaves during collection hours on Sunday, December 10, 2023, from 7:00 am to 4:00 pm.
- Keep litter and foreign debris out of leaf piles as litter and foreign objects can damage the machine. All trash needs to be removed from the leaf piles as the disposal site will not take leaves that contain trash.

Refer to the photo below for leaf placement.



City Street Sweeping - Tuesday, December 12, 2023



The City has contracted with All Care Services, LLC to remove debris, litter, and leaves from the city's interior streets on Tuesday, December 12, 2023. All Care Services, LLC will start with 48th Terrace and work south. The city streets should be done at about 3:00 p.m.

Please remove your car from the street in order to get a thorough sweep. Cars may be moved back to on street parking once the street has been swept.



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Monthly news & updates

December 2023 - CITY OF WESTWOOD HILLS

Upcoming Events:

December

No December Planning Commission Meeting

25/31 City Offices Closed

January





There will not be a December Planning Commission Meeting



New and Improved Recycle Spot!

RecycleSpot.org is the Kansas City Metro area's one-stop spot for recycling, reuse, and waste reduction information. Now it has a new look, improved functionality, and responsive design.

The latest version of RecycleSpot launched in November and is designed to help Kansas City area residents recycle more and recycle better. The refreshed site includes a new look, responsive design, and a refreshed database that matches hundreds of recyclable items to over 1,800 service providers and locations. Visit the new and improved **RecycleSpot.org** to:

Search the database to find a location to recycle just about anything. See what items can go in your curbside bin and how to recycle better. Learn more about household hazardous waste and where you can safely dispose of it. Find your local recycling center and

explore the <u>services available in your</u> <u>community</u>. Learn more about <u>workplace recycling</u>

and how to get started. Discover<u>local events</u> and get the <u>latest</u> news. The Annual Santa Visit and Mayor's Holiday Lighting took place on November 26, 2023. Thank you to John and Sheri Weedman (Annedore's) for providing the hot chocolate for the event.

















County Commissioner Becky Fast (far right) swore in the Mayor and City Council members (pictured from left to right) Adam England, David Schmitz, Karen Sexton, John Weedman, Ed Gogol, and Mayor Podrebarac at the December 11, 2023 council meeting.

Tax Credit Opportunites

Thinking of upgrading or making a major indoor or outside (over \$5000) improvement to your home?

This year Westwood Hills celebrated the 10th anniversary of being a Kansas and National Historic District.

During those ten years:

One hundred total projects have been submitted to the State of Kansas for Tax Credit Review. Twenty-five of those are open and ongoing projects.

Projects approved by the Westwood Hills Planning Commission and the SHPO have totaled \$5,172,528 reinvested into our homes.

These credits, at 25% of the eligible costs of the project meant a significant cost reduction to the homeowners as the tax credits can be used yearly (up to 10 years) against Kansas State Income Tax payments. If the tax credits are so large that the homeowner might not be able to use them within ten years, the credits can also be sold. Payments for tax credits can range from 80% of face value and upwards, depending upon several factors. SHPO can provide a list of potential buyers.

This year, SHPO made an amazing announcement. The tax credits percentage was raised from 25% to 40%, meaning new projects submitted to and approved by SHPO will receive 40% of the total costs of the improvements for use as future Kansas State Income Tax credits.

The submission and approval process can indeed be time consuming and somewhat complex at the beginning, but at 40% of the eligible cost, the time spent can be well worth the effort.

Tax Credit Homes Remodeling Tour

The Westwood Hills Foundation is planning a tour of homes that have qualified for Historic Tax credits within the last three years. The Tour is planned to take place in June and will be open to all residents and guests. Please contact Karen Sexton at **kls@sextonandshelor.com** if you are interested in adding your home to the tour.



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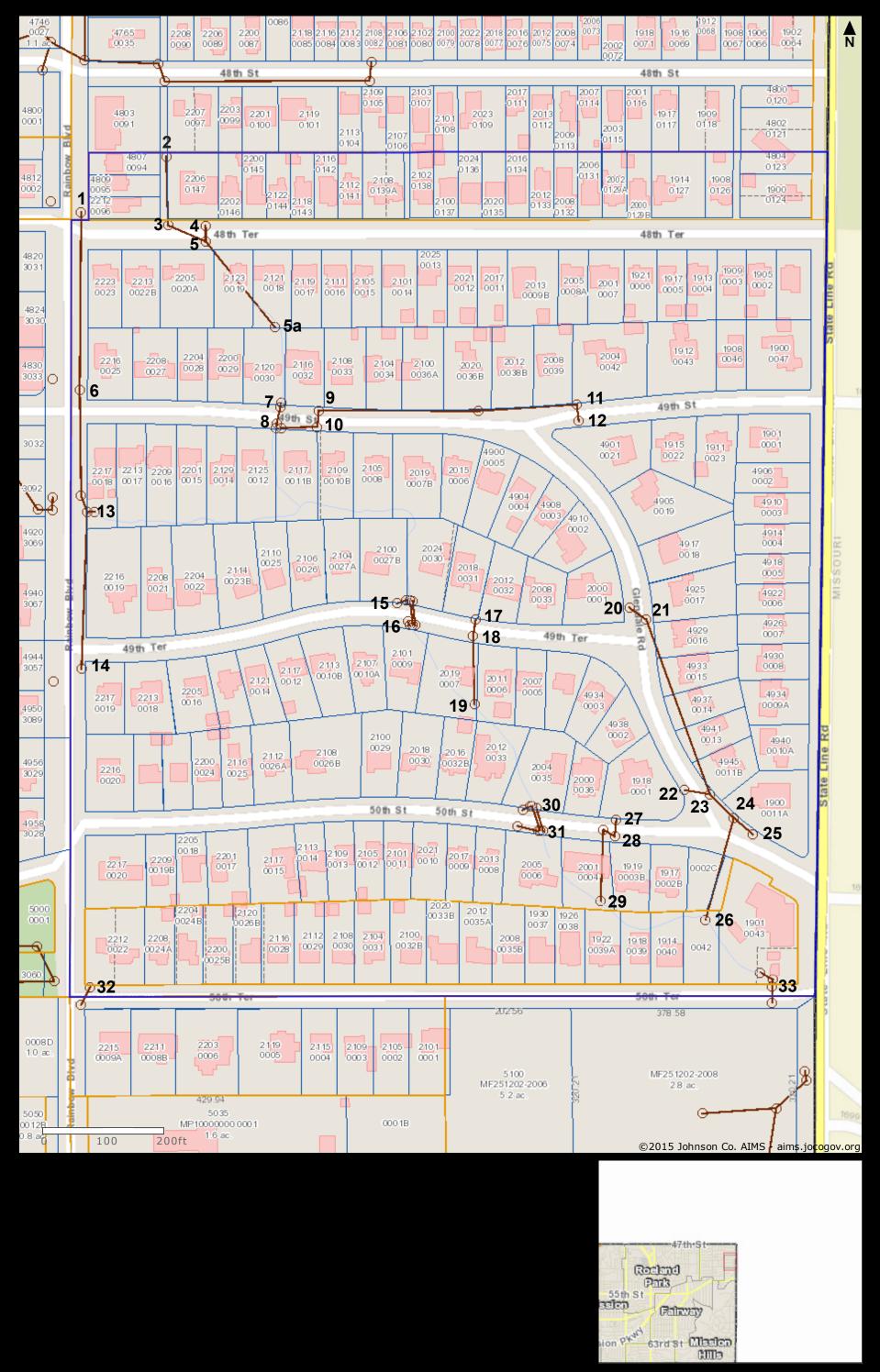
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Westwood Hills, Kansas Stormwater Management Plan

Effective January 1, 2021



Federal Permit No. KSR410049

Submitted in Compliance with Kansas Permit No.: M-MO39-SU01

Date: Submittal Date February 26, 2021

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SECTION 1: INTRODUCTION

This document is a Stormwater Management Plan (the "SMP" or the "Plan") created to help reduce the discharge of pollutants in stormwater runoff from the Municipal Separate Storm Sewer System (MS4) within regulated areas of Westwood Hills, Kansas (the "City" or "Westwood Hills") (Map of permitted area included in Appendix A). This SMP outlines stormwater program activities, monitoring requirements, reporting requirements, and responsible parties for implementing this work.

This plan was prepared in compliance with Kansas Permit Number M-MO39-SU01 (hereinafter the "Permit") issued to the City by the Kansas Department of Health and Environment (KDHE) to fulfill requirements of the Clean Water Act.

Permit Effective Date: January 1, 2020

Permit Expiration Date: December 31, 2024

The SMP is designed to:

- 1. Reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable (MEP),
- 2. Implement the Six (6) Minimum Control Measures as listed in Part I Section C of the Permit,
 - a. The Six Minimum Control Measures are:
 - i. Public Education and Outreach,
 - ii. Public Participation and Involvement,
 - iii. Illicit Discharge Detection and Elimination,
 - iv. Construction Site Stormwater Runoff Control,
 - v. Post-Construction Stormwater Management in New Development and Redevelopment Projects, and,
 - vi. Pollution Prevention/Good Housekeeping for Municipal Operations.
- 3. Satisfy the requirements of the Permit, the Clean Water Act, and the Kansas surface water quality statutes and regulations.

Implementation of BMPs consistent with the provisions of the SMP document and the Permit constitutes compliance with the standard of reducing pollutants to the Maximum Extent Practicable.

Staff Responsibilities

Overall responsibility for coordination of activities outlined in this Plan, for reporting, and for submitting all documents (Stormwater Management Plan [and updates] and Annual Reports) to KDHE will be by the Mayor and City Council of Westwood Hills and the City Clerk of Westwood Hills and may include assistance from the following:

- Johnson County Stormwater Management Program Staff
- City of Westwood Public Works Director and City of Westwood Police Chief
- Consolidated Fire District No. 2
- Johnson County Stormwater Management Advisory Council (SMAC)
- Mid-America Regional Council (MARC)
- Johnson County Water Quality Specialist
- Johnson County Department of Health and Environment

SECTION 2: SIX MINIMUM CONTROL MEASURES

This section describes the six minimum water quality protection control measures 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 Projects
- 6. Pollution Prevention/Good Housekeeping for Municipal Operations

2.1 MINIMUM CONTROL MEASURE 1 (MCM 1) - PUBLIC EDUCATION AND OUTREACH

Description

MCM 1 consists of continuing to implement a public education program which includes distributing 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.

Benefit

An informed public increases awareness of water quality issues in both residents and businesses, creates opportunities for the public to take direct action to improve the health and sustainability of their community, and builds support for program goals making initiatives more effective.

Compliance

Compliance with the public education and outreach minimum control measure requires implementation of BMPs in Part I., Section C.1 of the Permit for a minimum of 4 points total on an annual basis for each of calendar year 2021 and calendar year 2022. The minimum point total requirement increases to 7 points for each calendar year beginning in 2023.

A table containing the BMP summary, the measurable goal, the implementation schedule, and points per activity is included in Appendix B: Table 1.

A short description of each planned BMP is included in the table below.

Table 1. Planned BMPs to meet MCM 1 requirements:

BMP ID	BMP Summary	Measurable Goal	Lead Staff
P Ed & 0 – 01	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. Document monthly checks in log book and indicate changes with logged summaries.	City of Westwood Hills City Clerk, with support from Mayor and City Council
P Ed & 0 – 02	Distribute educational materials (either flyers, brochures, catalog mailings, handouts, or e-mails) addressing various pertinent stormwater public education topics.	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.	City of Westwood Hills City Clerk, with support from Mayor and City Council Johnson County Stormwater Management Program staff
P Ed & 0 – 04	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. Alternately, points may be claimed in any subsequent year when an additional 5% of all known stormwater inlets in the MS4 bear the notification. Alternately, points may be claimed in any year when 50% of all known stormwater inlets in the MS4 bear the notification.	City of Westwood Hills City Clerk, with support from Mayor and City Council Westwood Public Works Department
P Ed & 0 – 05	Post the municipality's MS4 permit and SMP document on either the stormwater web page or the municipal webpage.	The two documents must be posted for at least six months of the year to claim one point.	City of Westwood Hills City Clerk, with support from Mayor and City Council
P Ed & 0 – 08	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. Alternately, funding stormwater BMP installations and/or field trips at the school campus will qualify.	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. Alternately, the funding of BMPs at the school campus may provide for any of the following: -> 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	Johnson County Stormwater Management Program staff City of Westwood Hills Mayor and City Council
P Ed & 0 – 11	Adopt a public education program to reduce littering.	Install and/or maintain signs to discourage littering. Signs are to be located in areas where littering has been a problem.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk

BMP ID	BMP Summary	Measurable Goal	Lead Staff
P Ed & 0 – 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.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk With assistance from JCSMP and MARC
P Ed & 0 – 15	Develop or participate in an ongoing social media program on pertinent stormwater public education topics.	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 stormwater education website.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk
P Ed & 0 – 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.	Johnson County Stormwater Management Program Staff

2.2 MINIMUM CONTROL MEASURE 2 (MCM 2) - PUBLIC INVOLVEMENT AND PARTICIPATION

Description

MCM 2 consists of continuing to implement a public involvement and participation program to solicit public comments and recommendations regarding BMPs and measurable goals utilized by the permittee to comply with the Permit and to reduce the contamination of stormwater. This program must also comply with state and local public notice requirements.

Benefit

The goal of the stormwater management plan is to improve water quality in local lakes and rivers, which provides benefits to the entire community. As such, the community deserves to have an opportunity to voice opinions on the content of the plan. Further, input into decisions builds support for and ownership

of outcomes. MCM 2 also provides opportunity to the community to participate in activities, such as park or stream bank clean-up events, that help to remove pollutants from the MS4.

Compliance

Compliance with the public involvement and participation minimum control measure requires implementation of BMPs in Part I., Section C.2 of the Permit for a minimum of 3 points total on an annual basis for each of calendar year 2021 and calendar year 2022. The minimum point total requirement increases to 6 points for each calendar year beginning in 2023.

A table containing the BMP summary, the measurable goal, the implementation schedule, and points per activity is included in Appendix B: Table 2.

A short description of each planned BMP is included in the table below.

BMP ID	BMP Summary	Measurable Goal	Lead Staff
P I/P - 02	Establish a citizens advisory committee.	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.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk
P I/P - 03	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.	Clean an area which must be equal to or greater than one acre or alternately at least 200 yards of streambank. 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.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk
P I/P - 04	Train either citizen watch groups, homeowner associations (HOAs), or public service groups to recognize illicit discharge activities and communicate observations to appropriate municipal staff.	Provide training or distribute training materials to the group participants at least once annually.	City of Westwood Hills Mayor and City Council JCSMP
P I/P - 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 can be any of the following: Environmental restoration events, stream cleanups, tree plantings, or stream monitoring.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk
P I/P - 06	Establish a program to encourage residents to install stormwater treatment best management practices on their property.	Encouragement can include funding, grants, and other 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.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk JCSMP

Table 2. Planned BMPs to meet MCM 2 requirements:

BMP ID	BMP Summary	Measurable Goal	Lead Staff
P I/P - 07	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.	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.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk
P I/P - 09	Distribute stormwater educational materials to the public within this permit area. Alternately, the permittee may provide 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.	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 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 homeowners (rain gardens, rain barrels, etc.) guidance on area household hazardous waste receiving centers, and guidance on area recycling programs.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk

2.3 MINIMUM CONTROL MEASURE 3 (MCM 3) - ILLICIT DISCHARGE DETECTION AND ELIMINATION

Description

This minimum control consists of developing, implementing, and enforcing a program to detect and eliminate illicit wastewater discharges or other non-stormwater discharges into the storm sewer system. KDHE requires this program to include, at a minimum:

- Developing 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.
- Enacting and enforcing an ordinance or resolutions to prohibit non-stormwater discharges into the storm sewer system. Westwood Hills passed pollution prevention regulations, by adopting Ordinance No. 257 on July 11, 2016, to regulate unlawful discharges into streams and the storm drain system.
- Informing public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.
- Developing and implementing a plan to detect and address prohibited non-stormwater discharges.

Benefit

Direct discharges of waste streams can present significant localized impacts to both public health and the environment. Developing legal, technical, and educational means to eliminate illicit discharges provides direct benefits to water quality, the environment, and public health.

Compliance

Compliance with the illicit discharge detection and elimination minimum control measure requires implementation of BMPs in Part I., Section C.3 of the Permit for a minimum of 5 points total on an annual basis for each of calendar year 2021 and calendar year 2022. The minimum point total requirement increases to 7 points for each calendar year beginning in 2023.

A table containing the BMP summary, the measurable goal, the implementation schedule, and points per activity is included in Appendix B: Table 3.

A short description of each planned BMP is included in the table below.

Table 3. Planned BMPs to meet MCM 3 requirements:

BMP ID	BMP Summary	Measurable Goal	Lead Staff
ID D & E - 03	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.	City of Westwood Hills Mayor and City Council Consolidated Fire District No. 2 Westwood Chief of Police and Police Department
ID D & E - 05	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/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 where applicable ordinances and disposal guidance are posted.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk

BMP ID	BMP Summary	Measurable Goal	Lead Staff
ID D & E - 06 ID D & E - 07	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.	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.	City of Westwood Hills Mayor and City Council
	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.	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.	City of Westwood Hills Mayor and City Council Johnson County Department of Health and Environment JCSMP
ID D & E – 09	Provide a contribution to area recycle programs or programs (such as household 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.	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.	City of Westwood Hills Mayor and City Council
ID D & 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.	City of Westwood Hills Mayor and City Council

2.4 MINIMUM CONTROL MEASURE 4 (MCM 4) - CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Description

This minimum control includes continuing 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. KDHE requires this program to include:

- Where permittees have the authority to do so, ordinances or resolutions shall be enacted, maintained, and enforced to require erosion and sediment controls, as well as sanctions to ensure compliance. Westwood Hills passed erosion and sediment control regulations, by adopting Ordinance No. 268 on December 11, 2017, to regulate runoff pollution from active construction sites disturbing more than one acre.
- Requirements for construction site owners or operators to implement erosion and sediment control BMPs.
- Requirements for construction site owners or operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at construction sites that are likely to cause adverse impacts to water quality.
- Procedures for site plan review which incorporate consideration of potential water quality impacts.
- Procedures for receipt and consideration of information submitted by the public.
- Procedures for site inspection and enforcement of control measures.

Benefit

If left uncontrolled, land disturbance activities can generate significant loads of sediment which can impact both adjoining properties and downstream water bodies. Fortunately, effective controls are easy and cost-effective to implement.

Compliance

Compliance with the construction site stormwater runoff control minimum control measure requires implementation of BMPs in Part I., Section C.4 of the Permit for a minimum of 4 points total on an annual basis for each of calendar year 2021 and calendar year 2022. The minimum point total requirement increases to 6 points for each calendar year beginning in 2023.

A table containing the BMP summary, the measurable goal, the implementation schedule, and points per activity is included in Appendix B: Table 4.

A short description of each planned BMP is included in the table below.

BMP ID	BMP Summary	Measurable Goal	Lead Staff
CS SR C - 01	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.	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.	City of Westwood Hills Mayor and City Council
CS SR C - 02	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.	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.	City of Westwood Hills Mayor and City Council City of Westwood Hills Building Official JSCMP
CS SR C - 03	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.	This training class must address all local requirements for a SWP2 Plan, requirements for implementation of BMPs, and the requirements for permits.	JSCMP
CS SR C - 04	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 site plan 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.	City of Westwood Hills Mayor and City Council City of Westwood Hills Building Official
CS SR C - 05	Establish effective requirements for construction sites to control wastes. Develop through	Enact ordinance or other effective means to achieve control of wastes at construction sites.	City of Westwood Hills Mayor and City Council

Table 4. Planned BMPs to meet MCM 4 requirements:

BMP ID	BMP Summary	Measurable Goal	Lead Staff
CS SR C - 06	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: -> discarded building materials -> concrete truck washout -> chemicals -> litter, and -> sanitary waste. 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, including 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; outline the required procedures; provide guidance on acceptable conditions of various BMPs employed on such sites, enforcement actions and/or reference of cases for enforcement by other municipal staff; and provide inspection checklists for use by the inspector and guidance on creating a photo log of the inspection.	City of Westwood Hills Mayor and City Council City of Westwood Hills Building Official

2.5 MINIMUM CONTROL MEASURE 5 (MCM 5) - POST-CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

Description

This minimum control requires the continued maintenance of 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. KDHE requires the program to include:

- 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.
- Maintain and enforce an ordinance or resolution to address post-construction runoff from new development and redevelopment projects to the extent allowed under State and local law.
- Means to ensure adequate long-term operation and maintenance of BMPs.

KDHE has recognized that the potential of significant new development and redevelopment projects within the City is low as the City of Westwood Hills has been listed in the National Register of Historic

Places as a historically significant place where development and redevelopment are restricted. The potential for BMP implementation under this minimum control measure is limited, and the annual point requirements specified below are at lower levels than other MS4 permits issued in Kansas.

Benefit

Conversion of native landscape to developed landscape increases both the volume of runoff and pollutant loads in stormwater. The consequences can include erosion, flooding, and pollution, impacting both downstream property owners and public infrastructure. Stormwater controls included in development sites can help reduce impacts and costs to both private property owners and the public.

Compliance

Compliance with the post-construction stormwater management in new development and redevelopment minimum control measure requires implementation of BMPs in Part I., Section C.5 of the Permit for a minimum of 3 points total on an annual basis for each of calendar year 2021 and calendar year 2022. The minimum point total requirement increases to 4 points for each calendar year beginning in 2023.

A table containing the BMP summary, the measurable goal, the implementation schedule, and points per activity is included in Appendix B: Table 5.

A short description of each planned BMP is included in the table below.

[Remainder of page intentionally left blank.]

BMP ID	BMP Summary	Measurable Goal	Lead Staff
P-C SM - 01	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 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/re-development site and utilize methods to prevent discharge off- site, including but not limited to: 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. -> Other sizing or detention standards generally accepted by design engineers as adequate for the permittee's locale. 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	City of Westwood Hills Mayor and City Council
P-C SM - 02	Develop a list of post- construction structural or nonstructural BMPs which are required to be incorporated in any development/redevelopment 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.	BMPs required. 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.	City of Westwood Hills Mayor and City Council City of Westwood Hills Building Official
P-C SM - 07	Enact either an ordinance, a resolution, or other enforceable requirement which requires the installation of pervious surfaces on property.	The ordinance or resolution or other enforceable requirement must specify when installation of impervious surfaces is not acceptable and what allowable pervious surfaces can be installed in lieu of impervious surfaces.	City of Westwood Hills Mayo and City Council City of Westwood Hills City Clerk

Table 5. Planned BMPs to meet MCM 5 requirements:

BMP ID	BMP Summary	Measurable Goal	Lead Staff
P-C SM - 08	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.	City of Westwood Hills Mayor and City Council JCSMP

2.6 MINIMUM CONTROL MEASURE 6 (MCM 6) - POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

Description

MCM 6 requires the permittee to continue to implement and maintain an operation and maintenance program that includes employee training to prevent and reduce stormwater pollution from municipal operations activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance.

Benefit

Leading by example on public facilities and public projects provides an opportunity to demonstrate and teach proper pollution prevention and good housekeeping techniques to other landowners, and the City is able to lead by example on a routine and ongoing basis.

Compliance

Compliance with the post-construction stormwater management in new development and redevelopment minimum control measure requires implementation of BMPs in Part I., Section C.6 of the Permit for a minimum of 4 points total on an annual basis for each of calendar year 2021 and calendar year 2022. The minimum point total requirement increases to 6 points for each calendar year beginning in 2023.

A table containing the BMP summary, the measurable goal, the implementation schedule, and points per activity is included in Appendix B: Table 6.

A short description of each planned BMP is included in the table below.

[Remainder of page intentionally left blank.]

BMP ID	BMP Summary	Measurable Goal	Lead Staff
P P/G H - 02	Implement a recycle 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 recycle shall be maintained. Entries in the log shall record either weight or volume of recycle materials removed from the containers and transported to the recycle facility as well as the date of transport.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk
P P/G H - 03	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.	City of Westwood Hills Mayor and City Council City of Westwood Hills City Clerk Westwood Public Works Director
P P/G H - 05	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 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. Alternatively, for municipalities with less than 500 population street sweeping can be limited to sweeping the gutters. The log which must be maintained need only indicate the street segments which were swept in the year and confirm the sweepings were properly disposed or recycled and/or reused	City of Westwood Hills Mayor and City Council
P P/G H - 06	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 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.	City of Westwood Hills Mayor and City Council
P P/G H - 07	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.	City of Westwood Hills Mayor and City Council

Table 6. Planned BMPs to meet MCM 6 requirements:

BMP ID	BMP Summary	Measurable Goal	Lead Staff
		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.	
P P/G H - 08	Develop, implement, and keep updated an online storm sewer map accessible	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	City of Westwood Hills City Clerk
	to the public.	illustrate all impaired waterways (i.e., 303(d) listed and TMDL listed streams/rivers) with an indication of the listed impairment.	City of Westwood Hills Mayor and City Council

SECTION 3: Total Maximum Daily Load (TMDL) Regulated Pollutants

Part I – Section D requirements concerning TMDL Regulated Pollutants are not applicable to the Permit for the City of Westwood Hills. At this time, no action is required for TMDL Regulated Pollutants as there are no identified TMDL impacted streams within or adjacent to the City of Westwood Hills which would justify implementing actions under Part I – Section D of the Permit.

TMDL Best Management Practices (BMPs)

Compliance with Total Maximum Daily Load (TMDL) Best Management Practices and Surface Water Monitoring is not applicable to the Permit for the City of Westwood Hills. At this time, no action is required for TMDL Best Management Practices and Surface Water Monitoring as there are no identified TMDLs impacting streams within or adjacent to the City of Westwood Hills which would justify implementing requirements under Part II of the Permit.

SECTION 4: Water Quality Monitoring for TMDL assessments

Although the City of Westwood Hills Permit contains no requirements for monitoring TMDL regulated pollutants or conducting TMDL assessments, Westwood Hills is a municipality located within Johnson County, Kansas. As a municipality located within Watershed No. 1 in Johnson County, Westwood Hills benefits from the monitoring conducted by the Johnson County Stormwater Management Program.

Success in achieving reductions in bacteria, nutrients, and sediment will be assessed by directly monitoring in-stream concentrations and evaluating pollutant concentration trends across the permit period. The monitoring program is conducted by the Johnson County Stormwater Management Program on behalf of the cities within Johnson County.

Beginning in 2019, the Johnson County Stormwater Management Program implemented a rotational monitoring approach for all watersheds within the County with the objectives of:

- 1. Measuring effectiveness of BMPs implemented through the City's Permit and Stormwater Management Plan;
- 2. Evaluating MS4 discharge impacts to receiving waters;
- 3. Investigating relative contribution of sources of specific pollutants causing designated use impairment, including nutrients, pathogens, sediment or other applicable parameters related to stormwater from areas serviced by the MS4; and
- 4. Gather data to inform future program decisions and prioritization of activities related to the protection of water quality.

The monitoring program consists of both rotating and fixed monitoring stations (Table 8 and Figure 1). Rotating stations will be monitored within the rotational year. The rotational year occurs on a five-year recurrence interval and is basin specific. Fixed monitoring stations will be monitored on an ongoing basis independent of the rotational year.

			F	1	
Watershed Organization Grouping (Basin)	EDMR_Code	Monitoring Location	Site ID	Site Type	Rotational Monitoring Year
2	SW034A6	Indian Creek at Marty St.	0202IND	rotating	2019
2	SW035A6	Indian Creek at Switzer Rd.	0203IND	fixed	2019
2	SW036A6	Indian Creek at Blackbob Rd.	0204IND	rotating	2019
2	SW037A6	Indian Creek at State Line Rd.	0201IND	fixed	2019
2	SW038A6	Tomahawk Creek at Roe Ave.	0205TOM	fixed	2019
6	SW002A6	Camp Creek at 95th St.	0608CAM	rotating	2020
6	SW007C6	Cedar Creek at 127th St.	0606CED	rotating	2020
6	SW008A6	Cedar Creek at 83rd St.	0605CED	fixed	2020
6	SW009A6	Clear Creek at Woodland Dr.	0604CLE	rotating	2020
6	SW010A6	Little Cedar Creek at 119th St.	0607LCC	rotating	2020
6	SW011A6	Little Mill Creek at Tomahawk Golf Course	0603LMC	rotating	2020
6	SW012A6	Mill Creek at Johnson Dr.	0601MIL	fixed	2020
6	SW007A6	Mill Creek at 87th Ln.	0602MIL	rotating	2020
3	SW014A6	Blue River at Kenneth Rd.	0301BLU	fixed	2021
3	SW015A6	Camp Branch at 183rd St.	0305CAM	rotating	2021
3	SW016A6	Coffee Creek at Switzer Rd.	0303COF	rotating	2021
3	SW017A6	Negro Creek at Mission Rd.	0306NEG	rotating	2021
3	SW018A6	Wolf Creek at 179th St.	0304WOL	rotating	2021
3	SW019A6	Blue River at Hwy 69	0302BLU	fixed	2021
1	SW020A6	Brush Creek at State Line Rd.	0101BRU	fixed	2022

Table 7. Monitoring station locations and rotational monitoring year.

1	SW021A6	Brush Creek at Roe Ave.	0102BRU	rotating	2022
1	SW022A6	Rock Creek at Mission Rd.	0103ROC	rotating	2022
1	SW023A6	Turkey Creek at Lamar Ave.	0104TUR	fixed	2022
1	SW024A6	Turkey Creek at 67th St.	0105TUR	rotating	2022
4	SW025A6	Bull Creek at 199th St.	0402BUL	rotating	2023
4	SW005B6	Bull Creek at Interstate 35	0401BUL	fixed	2023
4	SW027A6	Little Bull Creek at 199th St.	0404LBC	fixed	2023
4	SW028A6	Martin Creek at Hwy 56	0403MAR	rotating	2023
4	SW029A6	Spring Creek at 215th St.	0405SPR	rotating	2023
5	SW030A6	Captain Creek at 103rd St.	0504CAP	rotating	2023
5	SW001A6	Kill Creek at 95th St.	0501KIL	fixed	2023
5	SW032A6	Kill Creek at 127th St.	0502KIL	rotating	2023
5	SW033A6	Spoon Creek at 151st St.	0503SPO	rotating	2023

Figure 1. Locations of Fixed and Rotating Monitoring Stations



Water Quality Monitoring Protocol

Water quality samples will be collected from all fixed monitoring stations, as well as monitoring stations in the rotational basin, a minimum of six times per year between April and September regardless of streamflow conditions. Additionally, water quality samples will be collected from rotational basins (fixed and rotational monitoring sites) during a minimum of three storm events per year between April and September. Storm events are defined as the streamflow conditions that generally correspond to a rainfall event that is greater than or equal 0.25 inches.

Water quality samples are collected as grab samples and pH, Dissolved Oxygen, Temperature, and Specific Conductance measurements are collected in the field at the time of sampling. Other information that is collected in the field at the time of sample collection includes rainfall, streamflow, stream level, and stream velocity.

Samples are analyzed at the Johnson County Wastewater Laboratory. Samples are analyzed for Total Phosphorus as P (mg/L), Ortho-Phosphorus as P (mg/L), Total Kjeldahl Nitrogen (mg/L), Nitrate plus Nitrite as N (mg/L), Total Suspended Solids (mg/L), Turbidity (NTU), and E. Coli bacteria (MPN).

Johnson County shall report data for water quality monitoring annually to KDHE, and an annual report describing water quality conditions and including all data collected will be provided to the City.

SECTION 5: Permit Compliance Activities and Schedules

Year 2019:

• Annual report for calendar year 2018 submitted to KDHE by February 28, 2019

Year 2020:

• Annual report for calendar year 2019 submitted to KDHE by February 28, 2020

Year 2021:

- Updated Stormwater Management Plan submitted to KDHE by February 28, 2021
- Annual report for calendar year 2020 submitted to KDHE by February 28, 2021
- The City must implement sufficient listed BMPs to achieve minimum point requirements for 2021.

Year 2022:

- Annual report for calendar year 2021 submitted to KDHE by February 28, 2022
- The City must implement sufficient listed BMPs to achieve minimum point requirements for 2022.

Year 2023:

• Annual report for calendar year 2022 submitted to KDHE by February 28, 2023

- Provide report (in PDF format) on effectiveness of source controls and structural BMPs to attenuate pollutant discharge and achieve the measurable goals. The report must be submitted to KDHE with the 2022 Annual Report by February 28, 2023.
- The City must implement sufficient listed BMPs to achieve minimum point requirements for 2023. The point total requirements increase this year (2023).

Year 2024:

- Annual report for calendar year 2023 submitted to KDHE by February 28, 2024
- The City must implement sufficient listed BMPs to achieve minimum point requirements for 2023.

SECTION 6: Modifications to the Stormwater Management Plan

This SMP will be evaluated annually, and modifications to the Plan, if any, will be submitted with the annual report.

For minor BMPs modifications/replacement: Within 60 days of a determination by the permittee or date of written notification from KDHE, the permittee shall modify the BMP if modifications are needed to maintain a program in compliance with this Permit.

For major BMP modifications/replacement: These major modifications are defined as ones which normally take more than 60 days to construct and/or implement. Within 60 days of a determination by the permittee or date of notification from KDHE, the permittee shall provide a plan and schedule for the update/replacement of the BMP. The plan and schedule are subject to KDHE approval.