



# LEE'S SUMMIT MISSOURI

September 2021

Page 1 of 2

## Stormwater Management Plan Summary

### Background

The National Pollutant Discharge Elimination System (NPDES) permit program was created in 1972 by the Clean Water Act (CWA) to regulate water quality via the discharge of pollutants to waters of the United States. Under the CWA, the Environmental Protection Agency (EPA) authorizes state governments to permit, administer, and enforce the NPDES program while the EPA maintains oversight authority. In 1987, the CWA was updated to include stormwater runoff source of water pollution to be regulated and managed.

### NPDES Permit

In accordance with the CWA, the Missouri Department of Natural Resources (MDNR) has assigned an NPDES permit to the City of Lee's Summit for the regulation of discharges to the City's Municipal Separate Storm Sewer System (MS4). By virtue of the CWA, the City must comply with the requirements of the NPDES program, which includes development of a Stormwater Management Program and accompanying Stormwater Management Plan.

The NPDES permit is renewed on a 5-year cycle and the current permitted cycle is ending on September 30, 2021. The MDNR intends to issue renewal of the City's NPDES permit by October 1, 2021. With each permit renewal, the MDNR updates and clarifies the requirements of the NPDES permit, as revised by the EPA. As part of the permit renewal process, the City must update and/or revise the Stormwater Management Plan. Once an updated/revised Stormwater Management Plan is drafted, the City must provide a public notice and public comment period for the revised draft Stormwater Management Plan, to be followed by a public meeting. The permit also requires an annual update of the Stormwater Management Plan to the City Council.

The City provided a public notice and public comment period for the revised draft Stormwater Management Plan from January 7 to February 9, 2021 and a public meeting via Zoom was offered on February 10, 2021 at 6:00 p.m. Copies of the public comments received are attached to this summary in Attachment A.

### Stormwater Management Plan

The Public Works Department is responsible for maintaining the City's NPDES permit and associated Stormwater Management Program. The requirements for the Stormwater Management Plan are outlined in the City's NPDES permit and include the following six Minimum Control Measures (MCMs):

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

The Public Works Department is primarily responsible for the requirements of MCMs 1, 2, 3, and 6 of the Stormwater Management Plan. The Public Works Department shares responsibility for the requirements of MCM 4 with the Development Services Department and the Development Services Department is primarily responsible for the requirements of MCM 5.

These MCMs involve preparing and sharing educational materials for target audiences, which include residents, businesses, and developers; public participation events such as Stream Team and Storm Drain Stenciling; identifying improper disposal or management of wastes, on-site inspections and enforcement of erosion control and construction wastes, inspections of long-term water quality management, and staff training. Each of these MCMs have an iterative process that requires the City to evaluate how well the City is achieving the desired outcome and to adjust the program accordingly to enhance the results.

For the upcoming 2021-2026 permit cycle, the MDNR created two options for structuring the City's Stormwater Management Plan. The City could choose the "2-Step" format or the "Comprehensive" format. The 2-Step format is intended for communities with well-established Stormwater Management Programs whereas the Comprehensive format is intended for communities that do not have their Stormwater Management Program fully developed. Based on conversations with the MDNR, it was City staff's understanding that the 2-Step option was the correct format to utilize for updating the City's Stormwater Management Plan.

However, during review of the City's draft Stormwater Management Plan, the MDNR determined that the City of Lee's Summit needed to convert to the Comprehensive format. Therefore, the City's Stormwater Management Plan is currently undergoing revisions to meet the requirements of the Comprehensive Stormwater Management Plan format. The revisions must be complete before December 31, 2021. Once finalized, the City's Stormwater Management Plan will be posted on the City's website for public access.

# Attachment A

## Draft Stormwater Management Plan Press Release, Public Notice, and Public Comments

The screenshot shows a web browser window with the following content:

- Browser Address Bar:** cityoflee.net/news-media/press-releases/article/5127/lee-s-summit-seeking-feedback-on-stormwater-management
- Page Navigation:** Home, News, Services, Engage, Explore, Thrive, City Government, How Do I... (Search icon)
- Page Header:** City of Lee's Summit, Public Works Press Releases
- Main Article Title:** Lee's Summit Seeking Feedback on Stormwater Management
- Article Date:** Thursday, January 7, 2021 | Views: 70 | Categories: Public Works Press Releases
- Article Text:**

The City of Lee's Summit will host a public meeting from 6 p.m. to 7 p.m. on Feb. 10 to solicit feedback on the City's Stormwater Management Plan. Those wishing to participate may attend in person in the Strother Conference Room in City Hall, 220 SE Green St., or virtually via Zoom. The in-person meeting will follow COVID-19 health guidelines, including social distancing, mask requirements and gathering limits.

The City is in the process of renewing its National Pollutant Discharge Elimination System (NPDES) permit, which requires a Stormwater Management Plan. The NPDES permit program was created by the Clean Water Act to address water pollution and requires municipalities to eliminate unauthorized discharges into the storm drainage system.

The City's NPDES permit requires the Stormwater Management Plan to include public education and outreach, public involvement and participation; illicit discharge detection and elimination; construction site stormwater runoff control; post-construction stormwater management in new development and redevelopment; and pollution prevention/good housekeeping for municipal operations.

The draft Stormwater Management Plan can be accessed for review at [cityoflee.net](http://cityoflee.net). In addition to the Feb. 10 public meeting, the City will accept public comments on the Stormwater Management Plan through Feb. 9. A comment form is available at <http://bit.ly/stormwaterplan>.
- Article Footer:** Hotel Fire Extinguished By Automatic Fire
- Left Sidebar:**
  - All Press Releases**
  - City of Lee's Summit Press Releases
  - Development Services Press Releases
  - Fire Department Press Releases
  - Parks & Recreation Press Releases
  - Police Department Press Releases
  - Public Works Press Releases
  - Water Utilities Press Releases
- Search Press Releases:** Search [input field]
- Press Release Archive:**

2021	2
2020	62
2019	58
2018	45
2017	13
- Right Sidebar:** Social media icons (Facebook, Twitter, LinkedIn, YouTube, Instagram, Facebook Messenger, Email, Print, News, RSS, Facebook Like, Facebook Share, Facebook Comment, Facebook Print, Facebook Email, Facebook Print, Facebook News, Facebook RSS, Facebook Like, Facebook Share, Facebook Comment, Facebook Print, Facebook Email)
- System Tray:** Windows taskbar showing the time 10:37 AM and date 1/12/2021.

**Public Comments and Responses from SWMP Public Meeting via Zoom  
February 10, 6-7pm**

<b>Citizen</b>	<b>Comment</b>	<b>Staff Response</b>
Teresa Vollenweider	At the MDNR, who reviews the SWMP?	The MDNR Water Protection Program team performs the review, the specific individuals are not known to city staff.
	Project Management Software referred to in the SWMP; what is that and is it available to the public for all current and historical records?	The City primarily uses CityView and CityWorks software to track SWMP related issues. Some of these documents are available through the online portal, all of them are available through the open records as long as they are not protected by the Missouri Sunshine Law.
	How many public comments on the SWMP or stormwater are received annually?	No previous comments were received in regard to the SWMP document; this is the first year gathering these comments. Stormwater related issues vary on an annual basis, but is estimated that the City receives between 200-300 concerns throughout the year.
	How many comments or complaints request access to records/submissions?	This metric is not tracked, it is estimated that less than 5 requests are made annually for open records.
	Recommendation: some sort of stormwater management committee should be established that is independent of the City.	An independent committee that does not involve the city would need to be established through another jurisdiction and cannot; therefore, be implemented by the city.
	Recommendation: a single, searchable database should be developed for all complaints that is accessible to and by the public. This database should not be managed by the City and should have a hotline associated with it.	The City has been working on an externally visible portal for several years that provides citizens free access to documents involving private property. This does not include documents that are protected under the Missouri Sunshine Law. The City is in the process of implementing a new document management system as of the time of this plan preparation and is considering methods to make more documents publicly available. An independent database and hotline not managed by the city would need to be established outside of the City's jurisdiction.

	Recommendation: pre-construction meeting notes should be accessible to the public including all field inspections and stop work orders.	The City currently makes several of these documents available through the portal, the remaining documents are available through open records requests as long as they are not protected by the Missouri Sunshine Law.
	Does staff take notes on all calls that come in with stormwater complaints? They should and they should be public record.	Depending on the type call, the information is included in a report (inspection, property maintenance record, service request, work order, etc.); however, if the call is only requesting information or not complaint-based, the call may not be documented.
	Are complaints logged into a system that is searchable and public?	Complaints are logged into multiple systems depending on the type of complaint. Some of these systems are publicly available to search; however, some documents are protected under Missouri Sunshine Law and are not publicly available.
	Field staff should have more training and the City should be more proactive.	The City provides training and is consistently seeking to improve training. The City is currently developing a proactive code enforcement model for property maintenance related issues which could include stormwater.
	The City should listen to property owners and document conversations.	City staff does listen to property owners when contact is made; however, not all issues raised can be corrected by the City. The City does not actively document every conversation, depending on the type of call that is made.
	More education regarding mowing and lawn maintenance.	The SWMP includes further efforts on public education.
	Where will these comments be posted and will they be posted publicly?	These comments and the City's responses are included in the SWMP, which will be made publicly available when it is finalized.
	More comments should be submitted by the public.	The City encourages public participation but cannot require citizens to make comments.
	Work with schools and volunteers for public education.	The City continues to build these relationships and included in this plan are further efforts to enhance public education.

	<p>Page 16 "Measurable Goals: Mechanism for Public Comment" needs to be revised as it currently sounds like the City is NOT wanting the public to submit comments and concerns.</p>	<p>This has been corrected on Page 16 and in the Measurable Goals tables in Appendix B.</p>
<p>Joshua Cresswell</p>	<p>Is there a way to expedite the process for site inspections and enforcement; enforcement in particular, for new development and construction?</p>	<p>When complaints are received by the City, the initial investigation is typically performed by the next business day. The abatement period varies depending on the situation. The initial notice is typically sent the same day that a violation is identified.</p>
	<p>He is concerned about runoff from nearby development.</p>	<p>Each new development in the city is required to have a public hearing that includes a notice to residents prior to construction which serves as the initial point for citizens involvement. Inspection staff in new developments are trained to watch for stormwater issues when they visit a site. All city staff working in the field are trained to observe stormwater related issues and report them. The City investigates all complaints received from the public.</p>
	<p>Recommendation: Establish stormwater management committee of community volunteers; will the City send out an email or notice in the paper for establishment of such a committee?</p>	<p>The City will review this recommendation. In the mid-2000's a stormwater committee previously existed until public interest in attending was lost and the committee was discontinued.</p>
	<p>Should have more meetings like this one to discuss stormwater.</p>	<p>The City holds local meetings to address specific situations and projects as needed but will consider future meetings to discuss community-wide storm water management.</p>
	<p>The SWMP does not cover everything that is needed for the community.</p>	<p>The SWMP does not address every issue in the City; it is intended to address the requirements of the City's NPDES permit. The SWMP serves as one of many components to address as many issues in the City as possible.</p>

	Outfall map: can this be easier to read?	The outfall map is only one map that the city maintains as a requirement of the NPDES permit. There may be other maps available on the City's website that serve a specific resident's needs. The difficulties in reading and understanding the map may be addressed specifically with staff.
	Should educate the public more; stronger outreach/education.	This updated plan enhances the City's outreach and education program from past iterations.
	Can we reconvene on March 3 or thereabouts to review the revised draft SWMP?	Due to time constraints established by the MDNR, the City did not have enough calendar time to host another public meeting.
Allison Keller	She expressed concerns about a specific project in the city.	These comments were relayed to the staff working on the project.
Gary Haas	He wanted to discuss a specific project in the city.	These comments were relayed to the staff working on the project.
	The SWMP is a lot of double-speak; needs a list of acronyms.	The City has added a list of acronyms to the document to address this confusion. The City has made an effort to make this technical document as straight forward as possible while still addressing the requirements set forth by the City's NPDES permit.
	Cannot follow map link and the maps posted do not show storm infrastructure.	City staff will review the SWMP and website to ensure all links are working. A general City infrastructure map is available on the City's website at <a href="https://cityofils.net/map-gallery/index.html?group=98ce512922a144cdbad6a03516df5897">https://cityofils.net/map-gallery/index.html?group=98ce512922a144cdbad6a03516df5897</a> .
	SWMP needs an index and does not address potential problems as specific areas.	A table of contents is provided in the SWMP to provide guidance on locating a topic. The intent of the SWMP is to establish a city-wide approach to stormwater management and not issues with specific projects.
	No reference in SWMP to Stormwater Master Plan; why?	The City' Stormwater Master Plan is a series of documents that are independent of the SWMP. They have been developed in adherence with SWMP requirements. Because these are two (2) separate documents with two (2) separate purposes, the Stormwater Master Plan is not referenced in the SWMP.
	No definition of historical items?	Historical properties are defined at the discretion of the Preservation Commission. Section 5.330 of the city ordinances describes the criteria by which the Preservation Commission reviews properties. This information is not included in the SWMP.
	Is there a schedule for the street sweeper?	This information is publicly available on the City's website at <a href="http://cityofils.net/public-works/street-programs-maintenance/infrastructure-maintenance">cityofils.net/public-works/street-programs-maintenance/infrastructure-maintenance</a>

## Kara Taylor

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**From:** Kara Taylor  
**Sent:** Friday, February 5, 2021 7:31 AM  
**To:** Jackie White  
**Subject:** RE: Storm Water Management Plan Review

Thank you for the feedback! Yours is the first actual set of comments we have received 😊

**From:** Jackie White <Jackie.White@cityofls.net>  
**Sent:** Thursday, February 4, 2021 4:58 PM  
**To:** Kara Taylor <Kara.Taylor@cityofls.net>  
**Cc:** George Binger III <George.Binger@cityofls.net>  
**Subject:** Storm Water Management Plan Review

I reviewed the Draft MS4 plan today mostly for my educational benefit. It looks really good. I have a couple suggestions.....

Some of the things I didn't see mentioned that we can get credit for and we already do as a City are as follows. Maybe some of these are captured in other City permits though so if so please disregard. I had this responsibility at Grandview and I know that it is a big job and a lot of work. It was also one of my "other duties as assigned" so I am sure you know much more about this than I do.

- the dog waste stations that Parks and Recreation have around town. (how many bags purchased was a measurable goal)
- Our solid waste program at the solid waste facility services (tons of trash or containers of trash collected at the transfer station)
- Membership in the region wide MARC Household Hazardous Waste program (receipt for payment in the program)
- Police Departments Drug takeback program. (police usually track how much was collected in pounds)
- Citizen academy (or whatever Lee's Summit calls the program where residents can learn about different departments in the City of Lee's Summit (class rosters or sign-in sheets)

Also, it would be helpful to have a "List of Abbreviations Page". See below from Grandview's plan.



## LIST OF ABBREVIATIONS

Abbreviation	Term/Phrase/Name
APWA	American Public Works Association
BMP	Best Management Practice
CSR	Code of State Regulations
MARC	Mid-America Regional Council
MCM	Minimum Control Measure
MDNR	Missouri Department of Natural Resources
MG	Measurable Goals
MS4	Municipal Separate Storm Sewer System
ORI	Outfall Reconnaissance Inventory
SWMP	Stormwater Management Program

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