

SMITHVILLE BOARD OF ALDERMAN

WORK SESSION

December 21, 2021, 6:00 p.m.
City Hall Council Chambers

Due to the COVID-19 pandemic this meeting was held via teleconference.

The meeting was streamed live on the city's FaceBook page.

1. Call to Order

Mayor Boley, present via Zoom, called the meeting to order at 5:59 p.m. A quorum of the Board was present via Zoom meeting: Kelly Kobylski, Dan Ulledahl, John Chevalier, Dan Hartman and Marv Atkins. Steve Sarver resigned earlier today due to personal obligations.

Staff present via Zoom: Cynthia Wagner, Anna Mitchell, Chief Jason Lockridge, Matt Denton, Stephen Larson, Chuck Soules, Jack Hendrix and Linda Drummond.

2. Discussion Stormwater Management Plan

Gina Pate, Management Analyst presented the Stormwater Management Plan 2021-2026.

Timeline

March 2021 - There was an opportunity for public comment on the MOR04C Permit Application

April 2021 - Submitted the MOR04C Permit Application

November 2021 - New permit was distributed from MO DNR, published Stormwater Management Plan for public comment

December 2021 - Adopt Stormwater Management Plan pending Board approval

February 2022 - Submit 2021 Annual Report to MO DNR

In March, there was a public information meeting about the new MS4 permit application.

In April, Public Works Director Chuck Soules submitted the MOR04C Permit application.

This a comprehensive permit that will have annual reports.

In November, the new permit was distributed, and we published the stormwater management plan on FaceBook, Nextdoor, and the city's website for public comment. We did not receive any virtual public comment, but we will keep seeking feedback.

Tonight, there is a resolution to adopt the stormwater management plan

In February, we will be submitting an annual report for 2021 – this will include any common issues, outreach, room for improvement.

What is Stormwater?

Stormwater is the water that originates during precipitation events, and snowmelt. Stormwater that does not soak into the ground becomes surface runoff, which either flows directly into surface waterways or is channeled into storm sewers, ultimately entering surface waters.

Stormwater is of concern for two main issues:

- Flood control and water supplies
- Water pollution



Stormwater occurs when there is precipitation events and snowmelt. The water that does not get absorbed during the event will become surface runoff that enters our storm sewers. These storm sewers enter local waterways. The importance of the storm sewers is to help control flooding and also water pollution.

What is a Stormwater Management Plan?

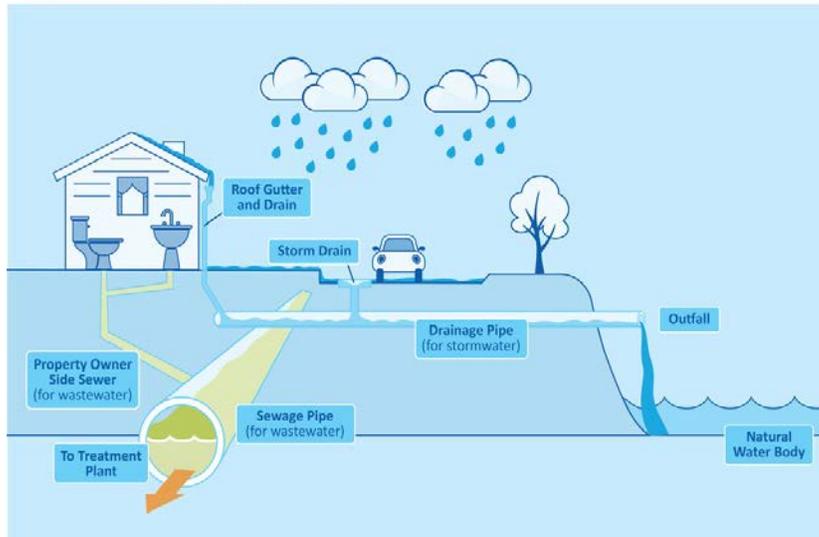
National and state stormwater regulations require certain small communities to obtain a National Pollutant Discharge Elimination System (NPDES) permit.

Phase II regulations expanded the program to include communities as determined by population size, and land disturbance on one acre or greater. The City of Smithville is affected by Phase II Stormwater regulation, Smithville first applied for a permit in 2013.

The new permit for 2021- 2026 requires that communities with regulated Municipal Separate Storm Sewer Systems (MS4s) develop a stormwater management program.

Since flooding and water pollution is a concern, there are national and state regulations. Smithville must have a MS4 permit due to our population size and land disturbance on once acre of more. We first applied for a MS4 permit in 2013. The new permit requires communities to develop a stormwater management plan to help address issues.

SEPARATED SYSTEM



The picture shows the municipal separate storm sewer systems. When you flush your toilet or run water down the drain, we have a separate sewage pipe for wastewater that goes to the treatment plant.

When we have storm drains that take runoff into a drainage pipe and the outfall goes into a creek or stream. That is why it is important to pay attention to what is on the ground, because if there is something such as oil on the ground it is entering our local waterways that is not being treated.

Stormwater does not receive ANY treatment before entering our waterways. This can lead to pollution and blockage which can lead to flooding in areas.

The MS4 program has six elements termed "minimum control measures" (MCM) which when implemented, the control measures should result in a significant reduction in pollutants discharged into receiving waters.

The six MCMs are outlined below:

1. Public Education and Outreach
2. Public Participation / Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Runoff Control
6. Pollution Prevention / Good Housekeeping

As part of the Stormwater management plan, there are minimum control measures that should help result in a reduction of pollutants when implemented. There are 6 MCMs which I will cover in the following slides in a little bit more detail.

The picture shows the decals that will be placed on the storm drains to remind the community that dumping materials into the storm sewer will go directly to water bodies.



MCM Overview

1. Public Education and Outreach
Implement a public education program to distribute educational materials to the community. Target audiences: residents, local government, and developers
Currently in compliance
2. Public Participation
Implement a comprehensive public participation program that provides opportunities for public participation in the Stormwater Management Program.
Currently in compliance
3. Illicit Discharge Detection and Elimination
Wastewater other than those consisting entirely of stormwater are considered "illicit discharges" except for discharges permitted under other state operating permits of directly from firefighting activities.
Must develop a program to develop and eliminate such discharges.
One year to be in compliance

Gina noted that staff will be developing an Ordinance for enforcement procedures on illicit discharge detection and elimination to bring forward to the Board for approval. Once the enforcement procedures are developed staff will be reaching out to the public for input and comments.

Public Education and Outreach is the first MCM

The goal of this measure is to implement a public education program to distribute educational materials to the community.

The target audiences that have been selected are residents, local government, and developers.

It is important for us to be a targeted audience since we should lead by example to the community for when we are washing out trucks and dealing with debris.

We have developed a stormwater management page on the website, publishing "did you know" posts, and including stormwater tips in the newsletter that coincide with the seasons.

Public Participation

Implement a public participation program.

Gave the opportunity for public input and will continue to ask for public input.

There is now a stormwater "concern" on the report-a-concern.

Illicit Discharge Detection and Elimination.

Wastewater other than stormwater is considered an "illicit discharge."

We currently do not have a program in place to detect or respond to this, so that will be one of the action steps for 2022.

Gina noted that one of the questions we received was how do HOAs get involved? She said that is a great way to help educate the public by educating their neighborhood about what to do with leaf litter, draining their pools, washing the cars, etc. She said staff would work on education materials to give to the HOAs and they could also reach out to Chuck Soules, Public Works Director or her and they would be happy to meet with them and brainstorm different ways to help HOA be involved because the more people involved the better it will be for the city.

4. Construction Site Runoff Control

The MS4 Operator shall develop, implement, and enforce a program to reduce pollutants in any stormwater runoff to their MS4 from construction activities that result in land disturbance of greater than or equal to one acre.

One year to compliance

Gina noted that currently the runoff is set at three acres or greater to have erosion control and stormwater prevention, but this is going to now be one acre, so that is a big difference going from three acres to one acre.

5. Post - Construction Runoff Control

The MS4 Operator shall continue or develop, implement, and enforce a program to address the quality of long-term stormwater runoff from new development and redevelopment projects that disturb equal to and greater than one acre, including projects less than one acre that are part of a larger common plan of development or sale that would disturb one acre or more and that discharge into the regulated MS4.

Two years to compliance

6. Pollution Prevention / Good House Keeping

Develop and implement an operation and maintenance program that includes a training component with the ultimate goal of preventing or reducing pollutant runoff from municipal operations.

One year to compliance

- Construction Site Runoff Control
 - Develop a review procedure for pre-construction plans and enforcement procedures.
- Post – Construction Runoff Control
 - Develop an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects.
 - Ordinance will include enforcement procedures
- Pollution Prevention / Good House Keeping
 - Develop a training program for city staff

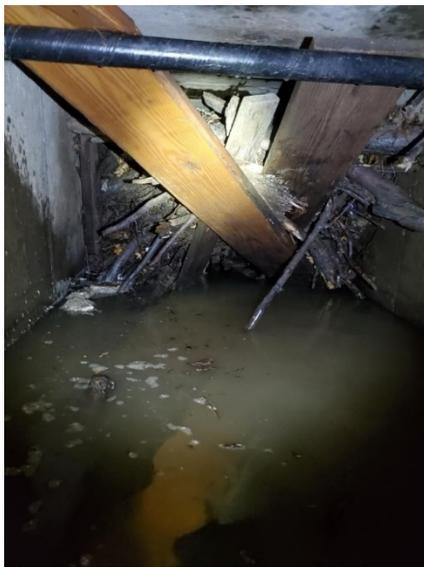
- Develop standard operating procedures for disposal of waste and washing municipal vehicles/equipment

SWMP Next Steps

Staff has developed an action plan to be in compliance with the MS4 Permit.

Key Implementation Steps:

- Continue to post educational materials in the quarterly newsletters, social media, and website
- Continue to use checklists for pre-construction, construction, and post-construction to determine if proper stormwater controls are in place
- Develop a Stormwater Ordinance that has enforcement procedures
- Training for employees



The pictures show an example of why developing an ordinance and educating the public about stormwater drains is important. This is a stormwater culvert that Ace recently cleaned out and it was filled with debris. When storm drains become blocked like this, it can lead to flooding and standing water. These kind of materials should not be in a storm drain.

To accompany the stormwater management plan, there is an action plan to help the city become in compliance with the new permit. The actions will be tracked and updated in the annual reports. This type of plan uses adaptive management so each year we will review the plan and make necessary changes to reflect the current needs of the community.

Chuck noted that moving forward, staff will be outlining what the plan is going to include. He said that concerning enforcement, staff will work with the contractors, developers or property owners educating them first on what they need to be doing and explaining what they are doing wrong. Work with them to make sure that it gets corrected and giving them ample opportunity make the

corrections and not let it continue to happen. It will not be a strict type of enforcement until someone blatantly continues to not follow the rules.

Chuck reiterated that information will be posted on the website and on social media. He said that if there is an HOA that is interested in having staff come and speak at their meetings, they would be more than happy to do that. He noted that the more people understand the rules and what it takes to follow them the easier it will be for all to make sure that the rules are followed.

He said that Gina did a great job presenting this tonight and explained that this is not the end, it is just the beginning. We are just beginning to establish this and would like to have more input from HOAs, contractors, developers and neighbors. For the developers it will help educate them on the importance of the silt fence and the gutter buddies to make sure the dirt and debris does not end up in our storm sewers and streams. That way we do not have to spend the \$45,000 to clean out the storm drain box like we have to tonight during the regular meeting. He noted that on the Main Street Trail we had to replace five crossroad pipes that was very expensive. This is an expense that city's have to pay for.

3. Adjourn

Alderman Ulledahl moved to adjourn. Alderman Atkins seconded the motion.

Ayes – 5, Noes – 0, motion carries. Mayor Boley declared the Work Session adjourned at 6:46 p.m.

Linda Drummond, City Clerk

Damien Boley, Mayor