



## City of Smithville, Missouri

### Board of Aldermen - Work Session Agenda

Tuesday, March 18, 2025

6:00 p.m. – City Hall Council Chambers and Via Videoconference

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Anyone who wishes to view the meeting may do so in real time as it will be streamed live on the City's YouTube page.

For Public Comment via Zoom, please email your request to the City Clerk at [ldrummond@smithvillemo.org](mailto:ldrummond@smithvillemo.org) prior to the meeting to be sent the meeting Zoom link.

1. Call to Order
2. National Pollutant Discharge Elimination System (NPDES) and Municipal Stormwater (MS4) Annual Update
3. Regional Hazard Mitigation Plan Review
4. Adjourn

Join Zoom Meeting

<https://us02web.zoom.us/j/84869532394>

Meeting ID: 848 6953 2394

Passcode: 461760



	<div style="background-color: #4F81BD; color: white; padding: 5px; display: flex; justify-content: space-between; align-items: center;"> <span style="background-color: #808000; padding: 5px 10px; font-weight: bold;">STAFF</span> <span style="font-weight: bold; font-size: 1.2em;">REPORT</span> </div>
<b>Date:</b>	March 18, 2025
<b>Prepared By:</b>	Mayra Toothman, Asst. to the Public Works Director
<b>Subject:</b>	National Pollutant Discharge Elimination System (NPDES) and Municipal Separate Storm Sewer system (MS4) Permit Update
<b>Staff Report:</b>	Public Works

## Stormwater Management Program – 2024 Annual Report Update

The City of Smithville holds a National Pollutant Discharge Elimination System (NPDES) permit, issued by the Missouri Department of Natural Resources (MoDNR). This five-year permit requires the City to implement a comprehensive stormwater management program to reduce pollution and protect water quality.

Each year, the City submits an annual report detailing its progress in meeting permit obligations, implementing stormwater initiatives, and addressing emerging challenges.

Smithville continues to make significant progress in stormwater management, ensuring compliance with the (NPDES) permit requirements while promoting community engagement and environmental stewardship.

### Key Program Updates & Achievements

- **Household Hazardous Waste (HHW) Program:** While the City did not host a mobile collection event this year, residents participated in multiple regional HHW events. A local event is planned for next year.
- **Stormwater Inlet Cleaning Program:** Staff identified high-risk areas prone to debris accumulation and flooding, implementing regular cleaning efforts.
- **Illicit Discharge Detection & Elimination (IDDE):** Training for Public Works staff continued to enhance monitoring and reporting of potential illicit discharges.
- **GIS System Enhancements:** Expanded inventory details and condition assessments of stormwater basins, supporting maintenance efforts.
- **Street Sweeping & Leaf Management:** Regular sweeping and resident education initiatives helped minimize stormwater contamination.
- **Public Education & Outreach:** The City maintained an active campaign through newsletters, social media, and public meetings to increase stormwater awareness.

- **Basin Maintenance Program:** Implementation began last year, ensuring long-term upkeep of stormwater infrastructure in compliance with new ordinance requirements.
- **Construction Site Stormwater Control:** Ongoing site inspections and updated tracking systems improved compliance monitoring.
- **Pollution Prevention Training:** Expanded training programs for Public works staff to reinforce best practices in stormwater pollution control.

### **Future Focus Areas (2025)**

- Hosting a local **Household Hazardous Waste Collection Event (April 12)**.
- Conducting **dry-weather outfall screenings** to identify and eliminate illicit discharges.
- Strengthening **community education efforts** through digital platforms and school partnerships.
- Continuing **basin maintenance inspections**, with a goal of assessing 60% of basins by the end of FY2025.
- Continue and enhance the implementation of the **stormwater inlet cleaning program**.

	<b>STAFF REPORT</b>
<b>Date:</b>	March 18, 2025
<b>Prepared By:</b>	Mayra Toothman, Asst. to the Public Works Director
<b>Subject:</b>	Regional Hazard Mitigation Plan Review
<b>Staff Report:</b>	Public Works

FEMA requires all communities to have a Hazard Mitigation Plan (HMP) to reduce risks from natural disasters and maintain eligibility for federal mitigation grants. These plans must be updated every five years to reflect current risks, mitigation strategies, and community priorities. The Mid-America Regional Council (MARC) is leading the update of the 2025 Regional Hazard Mitigation Plan, which includes participation from local governments, school districts, and other stakeholders.

### What is a Hazard Mitigation Plan?

A Hazard Mitigation Plan (HMP) identifies potential disasters, assesses risks, and outlines strategic actions to minimize their impact. While an HMP does not provide direct funding, it is a prerequisite for communities to access FEMA grant programs that support protective measures such as flood control projects and tornado safe rooms.

The 2025 Regional Hazard Mitigation Plan can be viewed here: [Hazard Mitigation Plan | MARC](#)

### Key Focus Areas in the 2025 Update

#### Hazard Identification & Risk Assessment

The plan evaluates major risks in the region, including:

- **Flooding:** The most frequent and costly hazard.
- **Severe Thunderstorms:** Heavy rain, strong winds, and hail.
- **Winter Weather:** Snow and ice storms disrupting infrastructure.
- **Tornadoes & High Winds:** Causing widespread damage.
- **Extreme Heat/Drought:** Impacting public health and water supply.

#### Community Capabilities & Resources

As part of the planning process, jurisdictions evaluated their existing resources for hazard mitigation. This included reviewing local policies like building codes and

emergency response plans, assessing financial resources from federal, state, and local sources, and identifying available technical expertise and equipment. Communities also highlighted public outreach efforts to raise hazard awareness and their participation in the National Flood Insurance Program (NFIP) to manage flood risks.

### **Mitigation Strategies**

Communities identified priority actions to reduce long-term risks, categorized as:

- **High-Priority:** Immediate actions within two years.
- **Medium-Priority:** To be implemented in two to five years.
- **Low-Priority:** Longer-term initiatives beyond five years.  
Strategies focus on improving infrastructure resilience, updating building codes, and enhancing emergency preparedness.

### **Plan Maintenance & Implementation**

The plan will be reviewed annually to assess effectiveness, with updates following major disaster events. Ongoing public engagement will ensure community input remains central to mitigation efforts.

### **Why This Matters**

Adopting the updated plan will strengthen our community's preparedness and ability to secure federal funding for future mitigation projects. Participation is essential to protecting residents, infrastructure, and economic stability.

### **Smithville ongoing /completed goals**

1. Increase public safety alert and warning mechanisms.
  - Continue social media use. Provide officers training on how to use social media to send info on weather incidents - ongoing
  - Provide officers on-going training in use of the tornado siren system.
  - Use social media to provide community notice of upcoming weather related training and free weather radios. - ongoing
2. Discourage new development in floodplains and flood-prone areas.  
Adopt ordinances prohibiting residential and commercial development in flood plains or flood-prone areas. – completed  
Develop or amend comprehensive and/or land use plans to specifically address development in flood-prone areas and recommend strategies for decreasing the jurisdiction's vulnerability to flooding.- Completed
3. Consider alternative uses for floodplains and flood-prone areas, such as sports fields, parks, wildlife habitats, etc.-ongoing

**Smithville new goals**

- Upgrade outdoor tornado sirens in the next 2-3 years
- Continue implementing flooding mitigation initiatives through the City's CIP
- Install lightning strike sirens in public parks to enhance safety and provide early warnings during severe weather conditions
- Improve flood hazard assessments and flood mapping.

**Staff recommendation**

The plan is being presented for board review and discussion this evening. Staff intends to bring the plan forward for board approval and adoption at the April 1, 2025, Board of Aldermen meeting, unless otherwise directed.