



City Council Agenda July 17, 2025

Ordinance

Action Item

Agenda Description:

Discuss, consider, and possible action on approving an ordinance amending Chapter 13, Article 13.04 of the Code of Ordinances to add a new Division 4, “Post-Construction Stormwater Management,” and renumber existing sections accordingly. (Staff Resource: A. Maldonado).

Background Information:

The Texas Commission on Environmental Quality (TCEQ) requires the City of Joshua, as a regulated small Municipal Separate Storm Sewer System (MS4), to implement a Stormwater Management Program (SWMP) under the TPDES Phase II General Permit (TXR040000). One of the key components of this program is the implementation of enforceable mechanisms to control post-construction stormwater discharges.

This proposed ordinance fulfills that requirement by establishing minimum standards for post-construction stormwater control, long-term maintenance of permanent Best Management Practices (BMPs), and a framework for inspection, enforcement, and compliance.

Analysis:

The ordinance adds a new Division 4 to Article 13.04 of the Code of Ordinances, titled **Post-Construction Stormwater Management**, and renumbers the existing enforcement division. Key elements include:

- **Performance Standards:** Requires permanent BMPs to maintain post-development runoff conditions as close as possible to pre-development levels.
- **Operations & Maintenance Plan (O&M Plan):** Mandates long-term maintenance responsibilities be clearly defined and linked to the property deed.
- **Enforcement Provisions:** Establishes inspection protocols, timelines for correction of deficiencies, and penalties of up to \$500/day for noncompliance.
- **Maintenance Responsibility:** Holds current and future owners accountable for ongoing performance and upkeep of stormwater facilities, including detention ponds.

Key Objectives

- Enables the City to enforce compliance with state stormwater requirements.
 - Protects infrastructure and reduces risk of flooding and downstream erosion.
 - Supports water quality goals by regulating pollutants from impervious surfaces.
 - Establishes clear responsibilities for property owners, developers, and HOAs.
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City Contact and Recommendations:

Aaron Maldonado

Assistant City Manager

Staff recommends approval of the ordinance as presented to ensure compliance with TCEQ requirements and to support the City's stormwater infrastructure and water quality objectives.

Attachments:

1. Joshua Ordinance Post Construction Detention Ponds
2. Joshua Stormwater Operation and Maintenance Agreement
3. Detention Pond Maintenance Checklist