

St. Charles Parish Department of Planning & Zoning

Land Use Report

Case Number: 2020-09-ORD

Introduced by Matthew Jewell, Parish President/Dept. of Public Works and Wastewater

An ordinance to amend the St. Charles Parish Code of Ordinance, Chapter 25 – Stormwater Management and Erosion and Sedimentation Control, Article IV, Section 25-52. – Post construction stormwater standards and requirements, paragraph (b)(2) to increase the level of storm event for overbank flood and property protection.

Background

Chapter 25 of the Parish Code of Ordinances regulates stormwater quality. The standards in Section 25-52 (b)(2) regulate the rate at which new development sites discharge stormwater by restricting the post-construction stormwater discharge rate to the pre-construction rate when during a rain storm. Currently, the storm that developers have to plan for is “the ten-year, twenty-four-hour return frequency storm.”

2020-06-ORD proposes amending the design storm for drainage plans from the the ten-year, twenty-four-hour return frequency storm to the **25-year, 24-hour return frequency storm**. The 25-year storm is a more intense rainfall event; the change would increase the standard.

Potential outcomes

If 2020-6-ORD and 2020-09-ORD are both approved by the Parish Council, the Parish will have a higher standard for Drainage Impact Analyses.

Recommendation

Approval of both 2020-06-ORD and 2020-09-ORD.