

Legislation Text

File #: 2022-4921, **Version:** 1

Appl. #PL2022-145 - COMPREHENSIVE PLAN AMENDMENT - 2022 Wastewater Master Plan; City of Lee's Summit, applicant

Background:

The Water Utilities Department has been working for the past year with HDR Engineering, Inc on the creation of an updated Wastewater Master Plan. The previous Wastewater Master Plan was completed in 2006 and had a planning period of two (2) ten-year windows. Changes in development trends, collection of additional data, and the completion of infrastructure projects have had an impact on the existing wastewater system and necessitated the need for an updated Wastewater Master Plan.

The Wastewater Master Plan provides historical information on the existing system, identifies rehabilitation needs of the existing infrastructure, provides design criteria for future system expansion, and provides the framework for maintaining the system reliability as future growth occurs. The plan has a planning period of 20 years, in two ten-year phases.

The document utilized the City of Lee's Summit Ignite Comprehensive Plan, incorporating the development and redevelopment projected for the document's planning period. The Wastewater Master Plan incorporates the primary elements of a Master Plan, including an inventory of the existing system, analysis of system performance under current conditions, recommendations for the design criteria for future growth, projections of future growth based upon the Lee's Summit Ignite Comprehensive Plan, and recommendations for system improvements to address asset management and future growth.

Proposed Planning Commission Motion:

I move to direct staff to PRESENT A RESOLUTION adopting the 2022 Wastewater Master Plan as an amendment to the Ignite Comprehensive Plan.

Patrick Young, P.E., HDR Engineering, Inc.
Amanda Bagwell, P.E., Senior Staff Engineer
Jeff Thorn, P.E., Deputy Director

Committee Recommendation:

- The Draft Final Wastewater Master Plan was presented to the Water Utilities Advisory Board which recommended presentation to the Public Works Committee on March 2, 2022.
- The Draft Final Wastewater Master Plan was presented to the Public Works Committee who recommended presentation to full City Council On March 14, 2022.
- The Draft Final Wastewater Master Plan was presented to the City Council who recommended the plan be finalized and submitted to Planning Commission for amendment to the Comprehensive Plan on March 22, 2022.