Legislation Details (With Text)

File #:	2022-4722	**Name:**	
Type:	Presentation	**Status:**	Presented
File created:	2/2/2022	**In control:**	City Council - Regular Session
On agenda:	3/22/2022	**Final action:**	3/22/2022
Title:	Presentation of the Wastewater Master Plan		
Sponsors:			
Indexes:			
Code sections:			
Attachments:	1. Wastewater Master Plan, 2. Wastewater Master Plan PWC (March 14, 2022)		

Date	Ver.	Action By	Action	Result
3/22/2022	1	City Council - Regular Session	presented	
3/14/2022	1	Public Works Committee	referred	Pass

Presentation of the Wastewater Master Plan

Issue/Request:

Presentation of the Wastewater Master Plan

Key Issues:

- The Wastewater Master Plan has been substantially completed and is ready to be finalized and presented to the March Public Works Committee who may recommend adoption to the Planning Commission.

Background:

The Water Utilities Department has been working for the past year with our consultant HDR Engineering, Inc on the creation of an updated Wastewater Master Plan. The last Master Plan was completed in 2006 and had a planning period of two ten-year windows. Changes in development trends, collection of additional data, and the completion of infrastructure projects can all have an impact on the existing wastewater system. Therefore, in order to realign the planning efforts with these changes, the completion of an updated Wastewater Master Plan was authorized in 2020.

A 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 new Wastewater Master Plan also has a planning period of 20 years, in two ten-year windows. The document utilized the 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.

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

Staff recommends approval of the Wastewater Master Plan