



AGENDA MEMORANDUM

Public Hearing/First Reading Ordinance for October 13, 2020
Second Reading Ordinance for October 20, 2020

DATE: September 9, 2020
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**Wastewater Collection System Master Plan Amendment for the
Greenwood Wastewater Treatment Plant, Service Area 5**

CAPTION:

Ordinance amending the Wastewater Collection System Master Plan for the Greenwood Wastewater Treatment Plant, Service Area 5, to phase construction of an 8" force main from a proposed West Point Lift Station; and amending the Comprehensive Plan.

SUMMARY:

The proposed amendment to the wastewater master plan as requested by landowner Peterson Properties, Ltd. will provide wastewater service for a planned commercial subdivision named Westpoint Crossing Unit 2, Block 2, Lot 1. by allowing the West Point Lift Station to utilize the 6" force main that is currently in operation and phase the construction of an 8" force main that the master plan requires. Staff and Planning Commission at their August 19, 2020 meeting recommend approval.

BACKGROUND AND FINDINGS:

Peterson Properties, Ltd ultimately plans to install a lift station, 75 linear feet of 8-inch force main line, and 110 linear feet of 10-inch collection line in order to provide wastewater service to a planned commercial subdivision that will be constructed within the City limits along Westpoint Road and Highway 358. The planned subdivision property encompasses approximately 6.91 acres with a proposed VA medical clinic to be constructed on the property. The proposed lift station will extend wastewater service to approximately 483.3 acres of property in the surrounding area in accordance with the wastewater master plan and is located within the Greenwood Wastewater Service Area 5.

However, in the interim, this amendment will phase the construction of the 75 linear feet of 8-inch

force main line and allow utilization of the 6-inch force main line that is currently in operation. The 8 inch force main line will be constructed when the area is fully developed.

A previous Wastewater Collection System Master Plan Amendment (Exhibit A) shows a planned FM 665 and West Point Lift Station with their own respective 6” and 8” force mains. Service areas are defined for the two lift stations to determine when construction of the infrastructure is triggered. The FM 665 Lift Station and 6” force main has been constructed and are in operation.

The developer is proposing an amendment to the adopted Master Plan be considered which will allow the West Point Lift Station to utilize the 6” force main that is currently in operation. This option would delay the construction of the 8” force main that would ultimately be required once the area is fully developed. This change will now assign the responsibility of constructing the 8” force main to a development in either the FM665 or West Point service area whereas before the 8” force main construction was solely the responsibility of the West Point service area. This would require an update to the Master Plan to show this phasing (Exhibit B). A detailed analysis of the capacity of the systems are provided on the attached design memorandum for the requested amendment.

ALTERNATIVES:

No other alternatives were considered.

FISCAL IMPACT:

The proposed amendment will reduce the amount of funds taken out of the trust fund during this phase of the project

Funding Detail:

Fund:	N/A
Organization/Activity:	N/A
Mission Element:	N/A
Project # (CIP Only):	N/A
Account:	N/A

RECOMMENDATION:

Staff and Planning Commission at their August 19, 2020 meeting recommended approval of the Master Plan Amendment.

LIST OF SUPPORTING DOCUMENTS:

Ordinance (with exhibit)
West Point Crossing – Sanitary Sewer Lift Station Design Memorandum
Exhibit A: Previous Wastewater Collection System Master Plan Amendment for Service Area 5 of the Greenwood Wastewater Master Plan
Exhibit B: Wastewater Collection System Master Plan for Service Area 5 of the Greenwood Wastewater Master Plan – Phased Construction of 8” Force Main from West Point Lift Station Presentation