



AGENDA MEMORANDUM

First Reading Ordinance for the City Council Meeting of February 20, 2018
Second Reading for the City Council Meeting of February 27, 2018

DATE: February 15, 2018

TO: Margie C. Rose, City Manager

FROM: Daniel M. Grimsbo, P.E., Executive Director of Water Utilities,
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Amending the Wastewater Collection System Master Plan to move flows to Airline Lift Station

CAPTION:

Ordinance amending Wastewater Collection System Master Plan, Oso W.R.P. Service Area, Sub Basin SPA 30; amending Comprehensive Plan; and providing publication.

PURPOSE:

The purpose of this item is to amend the City's wastewater master plans by allowing approximately 18 acres to be relocated from Lift Station 13 service area to the Airline Lift Station service area to provide wastewater service to the property described in Nueces County records as Flour Bluff and Encinal Farm and Garden Tract 17.87 acres out of Lot 13, Sec 25. The subject tract is located at 7502 Yorktown Boulevard, approximately 17.87 acres in area, located northeast of Yorktown Boulevard about 0.4 miles east of intersection of Rodd Field Road and Yorktown Boulevard.

BACKGROUND AND FINDINGS:

The subject tract is currently situated within the Lift Station # 13 internal boundary. The Wastewater Collection System Master Plan OSO W.R.P. Service Area, Sub Basin SPA 30 (2006) (Exhibit A) shows a planned collection line beginning at the southerly end of the property, extending through the property to its northern boundary. This collection

line then extends east approximately 1,650 feet, and turns north (crossing Master Channel 31) a distance of approximately 1,900 feet to discharge into Lift Station 13, with ultimate conveyance into the Airline Lift Station. The wastewater collection system described does not exist currently and there are no easements dedicated for the installation of this described wastewater collection system.

The engineer is proposing an amendment to the adopted SPA 30 wastewater master plan as described below:

Airline Estates Subdivision located to the west of the subject tract is at the intersection of Airline Road and Yorktown Boulevard, is currently under development. Airline Estates is proposing a 12-inch collection line along the northerly boundary of the property, eastward up to the church property. The proposed master plan amendment would call for future extension of 695 feet of 12-inch collection line to the subject tract. Providing service through the proposed route will require obtaining easement rights from only the adjoining church owner.

The current Wastewater Collection System Master Plan shows sewer loads from the project site flowing to Lift Station 13, with ultimate conveyance into the Airline Lift Station. Therefore, no further analysis of the wastewater collection system's capacity is necessary. The results of the engineer's analysis illustrate that directing sanitary sewer flow from the subject property to Airline Lift Station will not adversely affect the existing downstream infrastructure, and the existing infrastructure has sufficient capacity to convey projected peak wastewater flows from the study area without exceeding the lift station's capacity.

ALTERNATIVES:

Denial or alteration of the proposed Wastewater Master Plan amendment.

OTHER CONSIDERATIONS:

Developers are fully or partially reimbursed from the Developers' Trust Funds for constructing infrastructure according to the master plans. Amending the Wastewater Master Plan will allow developers to be reimbursed for constructing improvements that serve a public purpose.

CONFORMITY TO CITY POLICY:

The proposed amendment conforms to City policy and the Comprehensive Plan.

DEPARTMENTAL CLEARANCES:

Utilities Department
Planning
Legal

FINANCIAL IMPACT:☐ Operating☐ Revenue☐ Capital☒ Not applicable

Fiscal Year: 2017-2018	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS	
Line Item Budget					
Encumbered / Expended Amount					
This item					
BALANCE					

Fund(s):

COMMENTS:

None

RECOMMENDATION:

On November 01, 2017, the Planning Commission recommended that City Council approve the proposed Wastewater Master Plan amendment.

LIST OF SUPPORTING DOCUMENTS:

Ordinance with Exhibits
Presentation