



## AGENDA MEMORANDUM

Public Hearing and First Reading for the City Council Meeting of April 14, 2015  
Second Reading for the City Council Meeting of April 21, 2015

**DATE:** March 25, 2015

**TO:** Ronald L. Olson, City Manager

**FROM:** Daniel M. Grimsbo, P.E., Director, Development Services Department  
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### Amendment to the Wastewater Collection System Master Plan

#### **CAPTION:**

Ordinance amending the Wastewater Collection System Master Plan, an element of the Comprehensive Plan of the City of Corpus Christi, Texas, by relocating approximately 17 acres of land from the Wooldridge II Lift Station 48 service area as identified in the Wastewater Collection System Master Plan, Oso W.R.P. Service Area, Area 1, to the Wooldridge Lift Station 61 service area as identified in the Master Sanitary Sewer Plan for the Southern Portion of Corpus Christi, Texas 1983; amending related elements of the City's Comprehensive Plan; providing for severance; and providing for publication.

#### **PURPOSE:**

The purpose of this item is to amend the City's wastewater master plans by allowing approximately 17 acres to be relocated from the Wooldridge II Lift Station 48 service area to the Wooldridge Lift Station 61 service area.

#### **BACKGROUND AND FINDINGS:**

The project site is located at the boundary between two existing sanitary sewer basins. The developer's study was limited to sewer mains between an existing sanitary sewer manhole along Rodd Field Road midway between Holly Road and Wooldridge Road and the junction structure within Wooldridge Road at the Wooldridge Lift Station 61.

Three different sizes of sanitary sewer lines convey sewage from the project site to the Wooldridge Lift Station 61. The critical capacity points are located along the main line where the sizes change.

The current Wastewater Collection System Master Plan shows sewer loads from the project site flowing to Lift Station 48, and Lift Station 48 pumps sewage into the Wooldridge Lift Station 61, therefore further analysis of the wastewater collection system's capacity is not necessary for this amendment.

The results of the developer's analysis illustrate that directing sanitary sewer flow from the project site to Wooldridge Lift Station 61 will not adversely affect the existing downstream infrastructure, and the existing 12-inch, 15-inch, and 18-inch lines have sufficient capacity to convey projected peak wastewater flows from the study area at Wooldridge Lift Station 61 without exceeding the lift station's capacity.

**ALTERNATIVES:**

Denial or alteration of the proposed amendments.

**OTHER CONSIDERATIONS:**

Not applicable

**CONFORMITY TO CITY POLICY:**

The proposed amendments conform to City policy.

**DEPARTMENTAL CLEARANCES:**

Utilities Department  
Legal

**FINANCIAL IMPACT:**

Operating       Revenue       Capital       Not applicable

<b>Fiscal Year: 2014-2015</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget				
Encumbered / Expended Amount				
This item				
<b>BALANCE</b>				

Fund(s):

**Comments:** None

**RECOMMENDATION:**

Planning Commission and Staff recommends approval of the proposed amendments.

**LIST OF SUPPORTING DOCUMENTS:**

Ordinance  
Developer's Request  
PowerPoint