

# **East Texas**



# Projects Under Development and Implementation in Starr and Hidalgo Counties

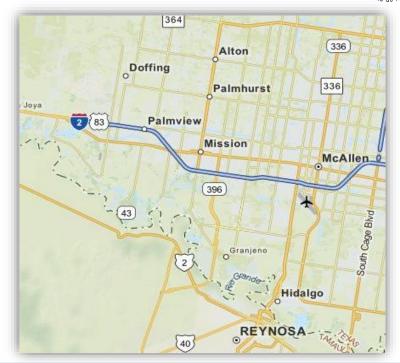


# **WASTEWATER COLLECTION AND TREATMENT**



## Palmview, TX

Sponsor:	The local water utility –Agua Special Utility District (AguaSUD)
Estimated Cost:	\$48.2 M
Estimated BEIF:	\$6 M
Funding Partners:	TWDB (EDAP grant and SRF grant/loan)
Pop. to Benefit:	8,183
Connections (#):	1,847 new WWCS/WWT



<b>Expected Results:</b>	✓ First-time access to WWC and WWT services for 1847 existing homes in Palmview, including the installation of all household connections and decommissioning of on-site wastewater disposal systems.	
	✓ A Nuisance Order has been issued for these conditions.	
	✓ Failing septic tanks and cesspools exacerbated during flooding events.	
<b>Existing Conditions:</b>	✓ Lack of centralized wastewater collection and treatment infrastructure.	

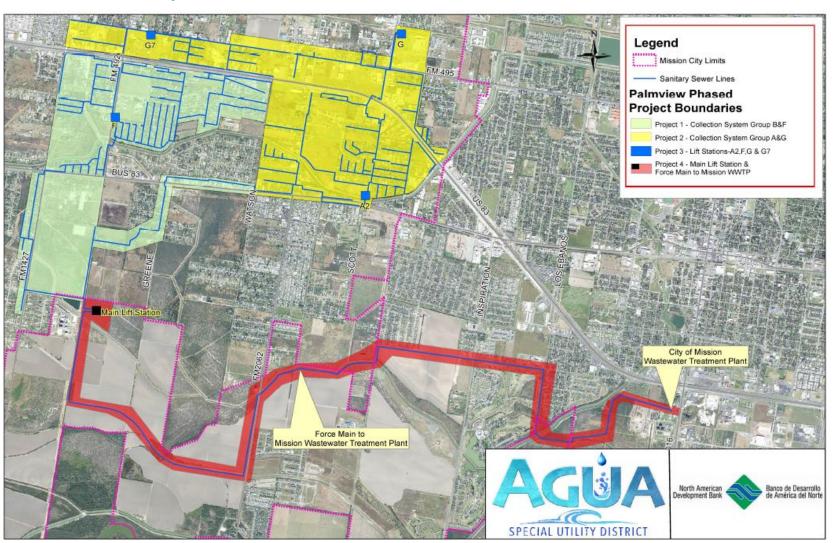
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## WASTEWATER COLLECTION AND TREATMENT



### Palmview, TX



#### **Project Components**

- 1. WWCS (160,600 linear feet of gravity sewer lines, 7,875 linear feet of force main lines and 534 manholes).
- 2. Main Lift Station to the City of Mission WWTP (1.4 MGD).
- 3. Pressure Main, consisting of approximately 37,000 linear feet of 16" pipes.
- 4. Hookups and decommission of septic tanks for 1,847 dwellings within 49 subdivisions.

The three first components are 99% completed with TWDB funds.

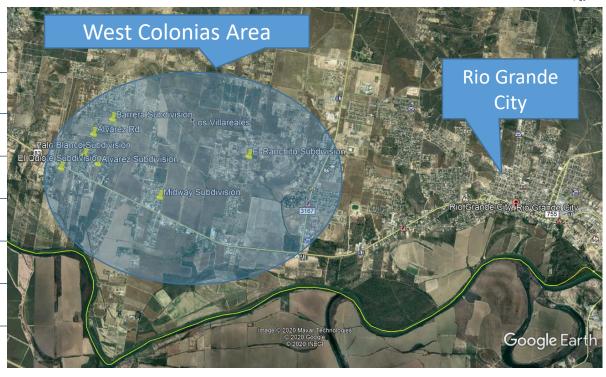


## WASTEWATER COLLECTION AND TREATMENT PROJECT



## **Rio Grande City, TX**

Sponsor:	Rio Grande City
Estimated Cost:	\$12.5 M (Application Estimate)
Estimated BEIF:	TBD
Funding Partners:	TWDB
Pop. to Benefit:	22,000
Connections (#):	6,000 Improved, 400 new



#### **Existing Conditions:**

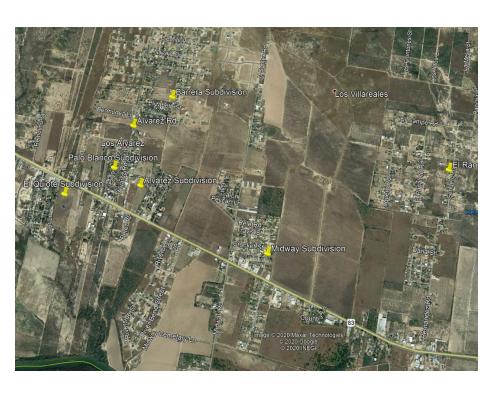
- ✓ Exposure to untreated WW due the absence of treatment or inadequate on-site disposal.
- ✓ Major wastewater collection/ treatment infrastructure deficiencies not attributable to insufficient operations and maintenance, which causes an immediate and significant threat to the environment and/or human exposure to untreated sewage.



# WASTEWATER COLLECTION AND TREATMENT PROJECT



### **Rio Grande City, TX**



West Colonias Area



**Wastewater Treatment Plant** 

#### **Project Components**

#### Per Sponsor's application:

- ✓ Wastewater treatment plant expansion/rehabilitation (Additional 1.5 MGD).
- ✓ Wastewater collection system expansion to seven colonias at West Rio Grande City. (400 new connections).