

# Water Infrastructure Needs in El Paso County Colonias and other areas

Assessment by Precincts: Gaps, Cost, and Limitations

### Overview of Water Infrastructure Needs in El Paso County Colonias

### • Background:

- "Colonias" are unincorporated communities along the Texas-Mexico border often lacking essential services, including water infrastructure.
- In El Paso County, 47 colonias still do not have access to potable water infrastructure, affecting residents' quality of life, health, and economic opportunities.

### Purpose of This Presentation

Goal: Provide an overview of colonias by precinct lacking water infrastructure.

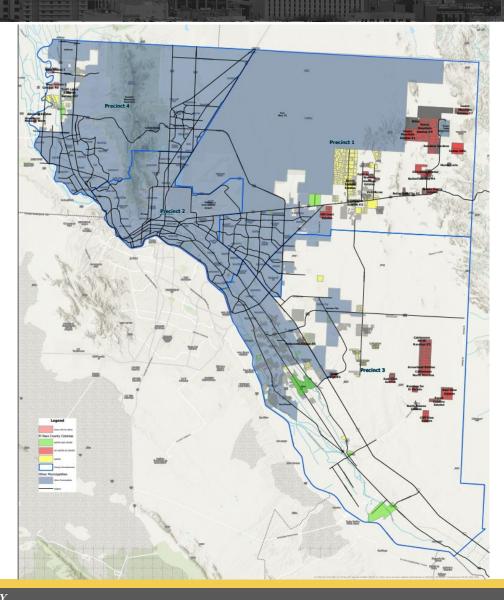
### Focus Areas:

- Breakdown of affected colonias by precinct.
- Estimated costs of water projects, including construction, design, and contingency.

### Data Scope and Limitations

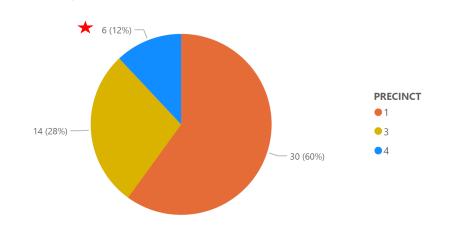
- Data Source: Cost estimates are derived from the Capital Improvement Plan (CIP) 2017. and have been adjusted using line-item costs from recent bids received in 2024 to reflect more accurate pricing.
- **Important Note**: Not all colonias are included in the cost estimates; figures only represent a subset based on 2017 data.

# El Paso County Map

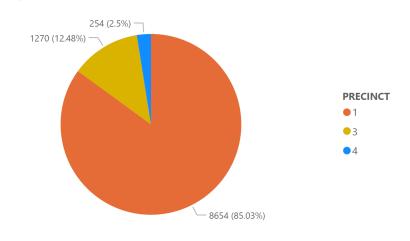


## Data- Colonia Lots, Occupied lots and Population

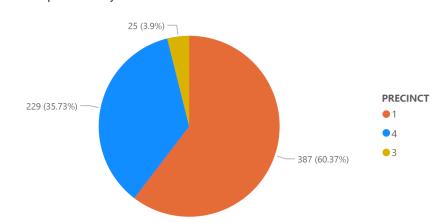
#### # of Colonias by PRECINCT



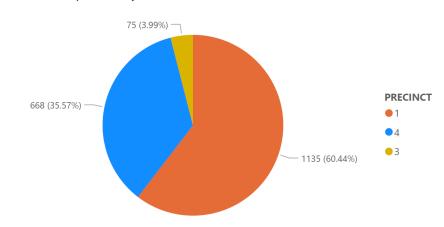
#### # of Lots by PRECINCT



#### # of Occupied Lots by PRECINCT

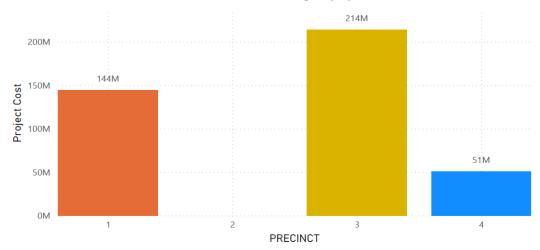


#### Estimated Population by PRECINCT



# Precinct -Specific Cost Data and Projects

#### Overall Cost with 15% Contingency by Precinct



| Project                        | Overall Cost WITH 15% Contingency |
|--------------------------------|-----------------------------------|
| Far East El Paso County        | 188,279,352.49                    |
| Hueco Tanks                    | 109,514,500.00                    |
| Panorama (3&4) & El Paso Hills | 23,717,037.50                     |
| Far West El Paso County        | 17,852,439.00                     |
| West of Vinton 1               | 17,020,926.90                     |
| ► Butterfield City             | 13,742,224.00                     |
| West of Vinton 2               | 10,769,118.65                     |
| Indian Cliffs                  | 9,756,634.50                      |
| Hillcrest Estates              | 8,475,373.67                      |
| Campos Rd                      | 4,627,520.65                      |
| Homestead Meadows North        | 2,837,533.00                      |
| Vista Larga #2                 | 1,764,433.37                      |
| 1st Alley                      | 307,625.00                        |
| Total                          | 408,664,718.73                    |

## Precinct 1 – Colonias without Water Infrastructure

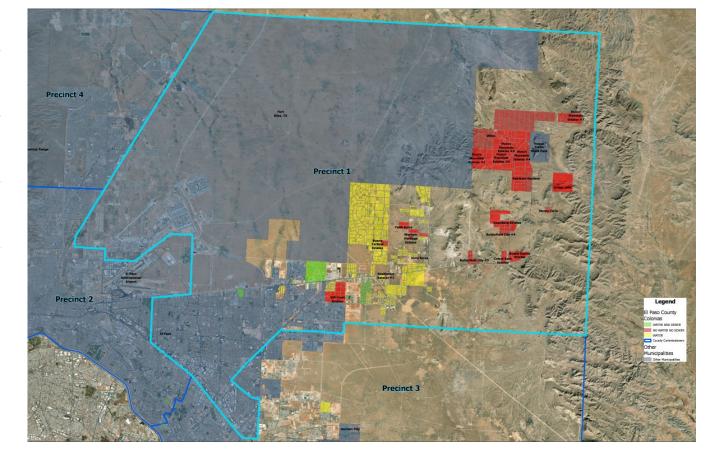
### Overall Cost with 15% Contingency by Precinct **PRECINCT** Overall Cost WITH 15% Contingency Project Hueco Tanks 109,514,500.00 **Butterfield City** 13.742.224.00

9,756,634.50

8,475,373.67

2,837,533.00

144,326,265.17



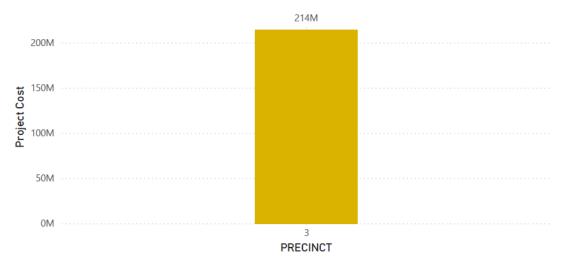
Homestead Meadows North

Indian Cliffs
Hillcrest Estates

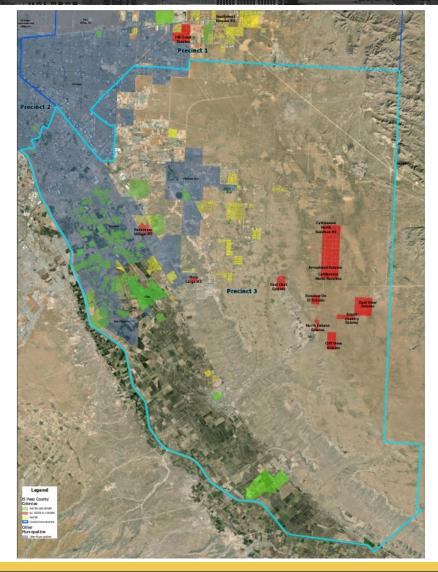
Total

## Precinct 3 – Colonias without Water Infrastructure

#### Overall Cost with 15% Contingency by Precinct

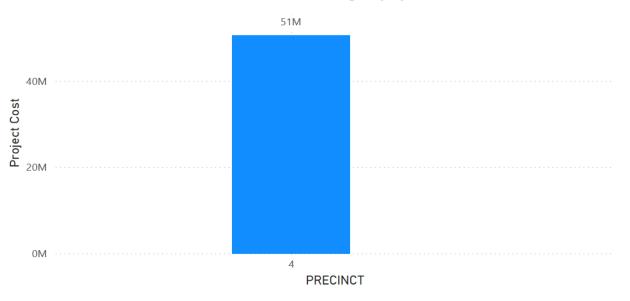


| Total                          | 213,760,823.36                    |
|--------------------------------|-----------------------------------|
| Vista Larga #2                 | 1,764,433.37                      |
| Panorama (3&4) & El Paso Hills | 23,717,037.50                     |
| Far East El Paso County        | 188,279,352.49                    |
| Project                        | Overall Cost WITH 15% Contingency |



## Precinct 4 – Colonias without Water Infrastructure

#### Overall Cost with 15% Contingency by Precinct



| Project _               | Overall Cost WITH 15% Contingency |
|-------------------------|-----------------------------------|
| 1st Alley               | 307,625.00                        |
| Campos Rd               | 4,627,520.65                      |
| Far West El Paso County | 17,852,439.00                     |
| West of Vinton 1        | 17,020,926.90                     |
| West of Vinton 2        | 10,769,118.65                     |
| Total                   | 50,577,630.20                     |

