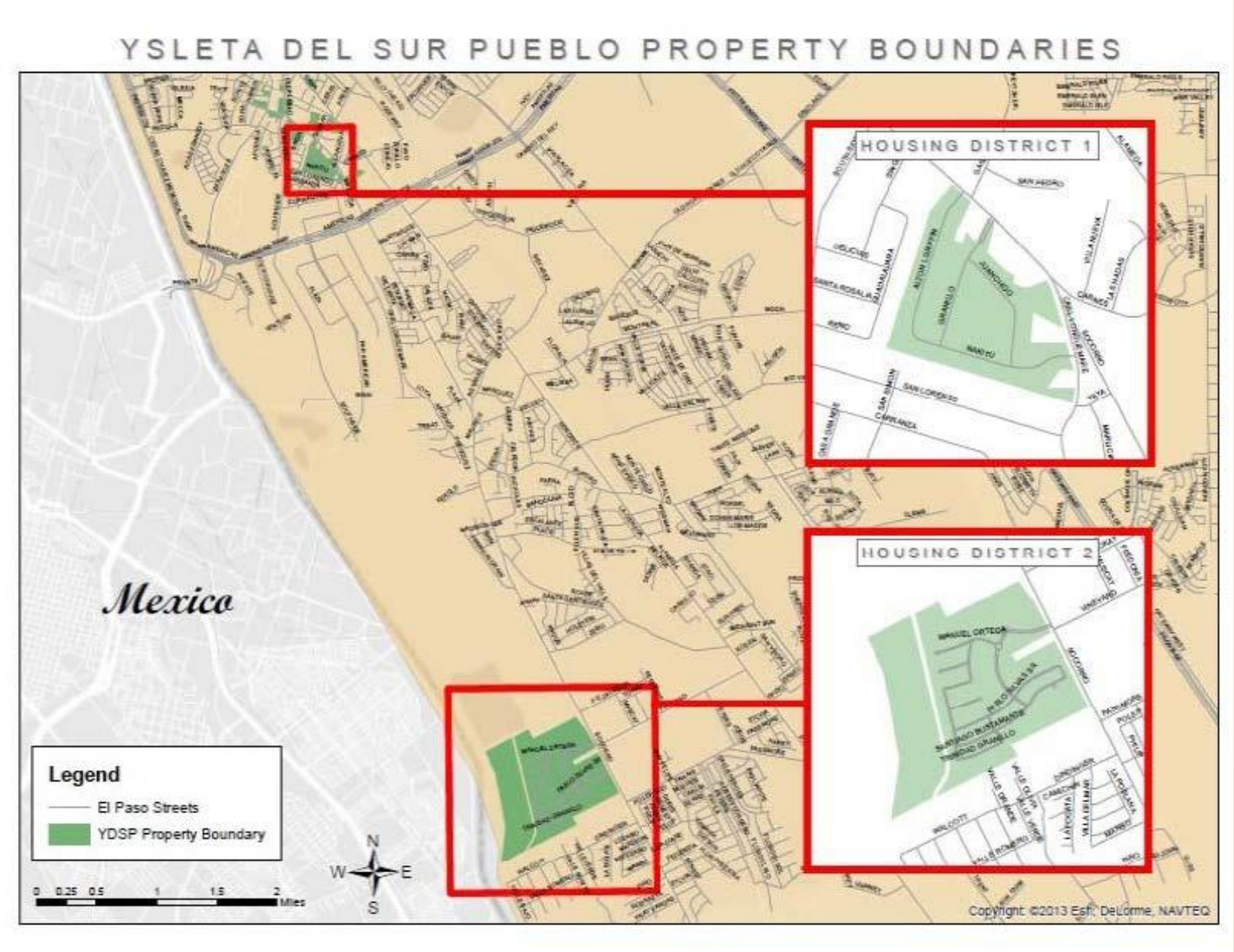
Water and Wastewater Infrastructure Challenges for Border Tribes

Evaristo Cruz, Director of Community Development

Ysleta Del Sur Pueblo

Urban Tribal lands



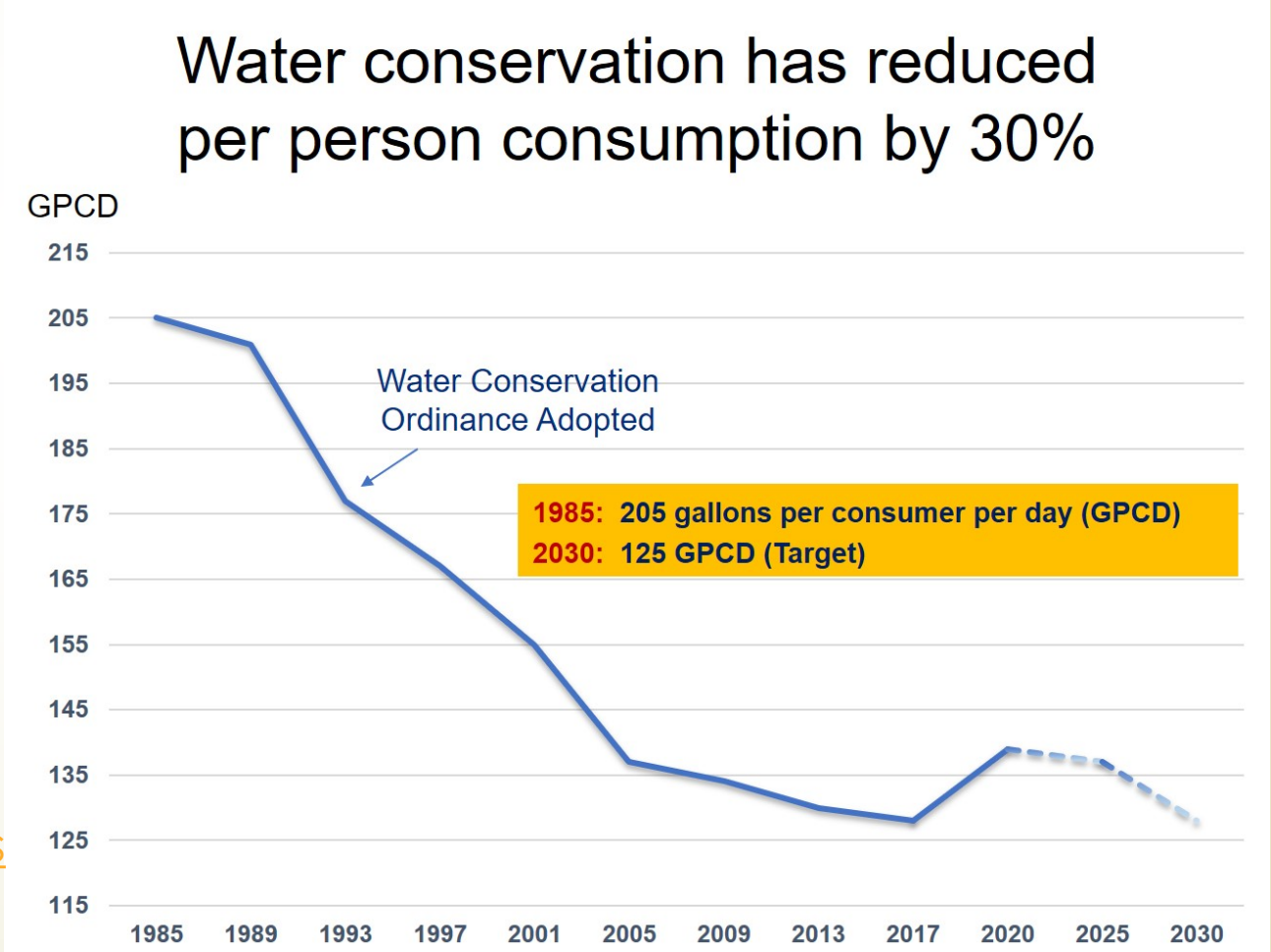
Municipal Water and Waste

- El Paso Water Utilities for tribal lands and residential areas within the City of El Paso
- Lower Valley Water District, residential community in El Paso County
- Municipal service clients
- Checkerboarded community

El Paso Water Utilities Conservation efforts

- Incentives and Rebate Programs
- Municipal Conservation Laws
- Leak Detection

- https://www.epwater.org/conservation/conservation_progress



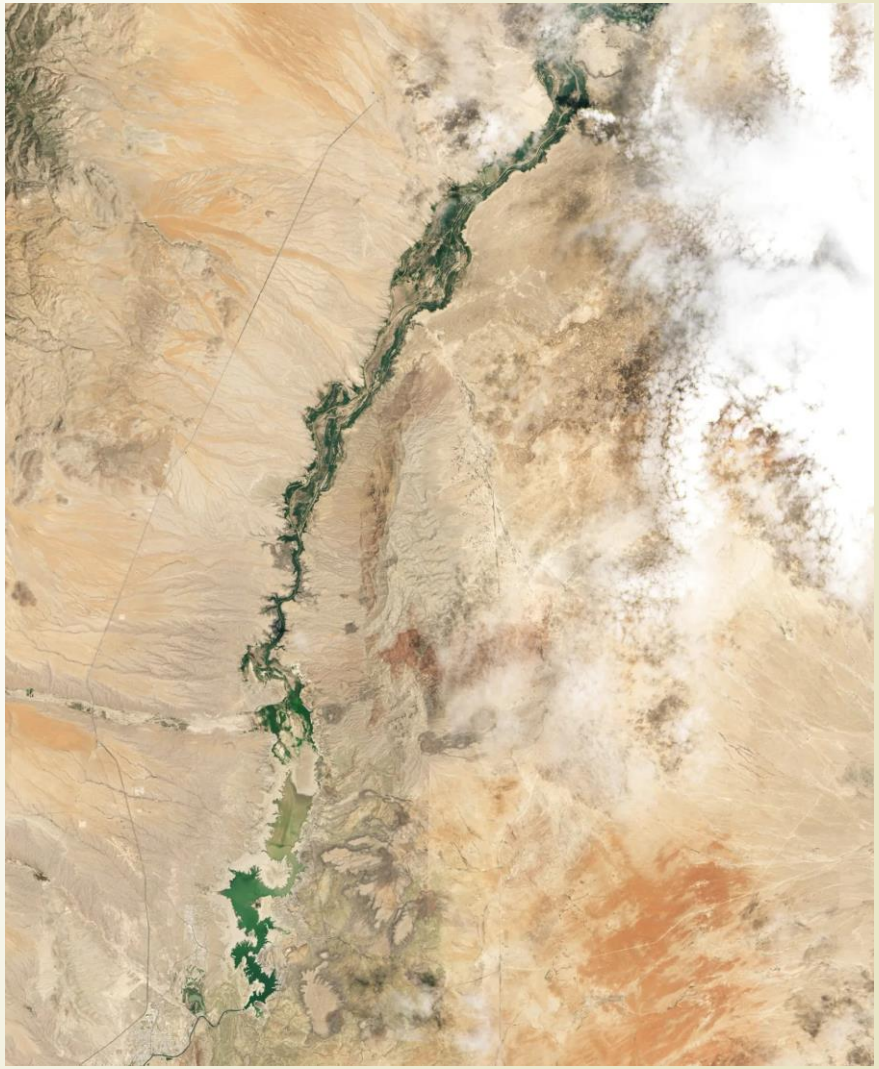
Lower Valley Water District Water Installation Plan

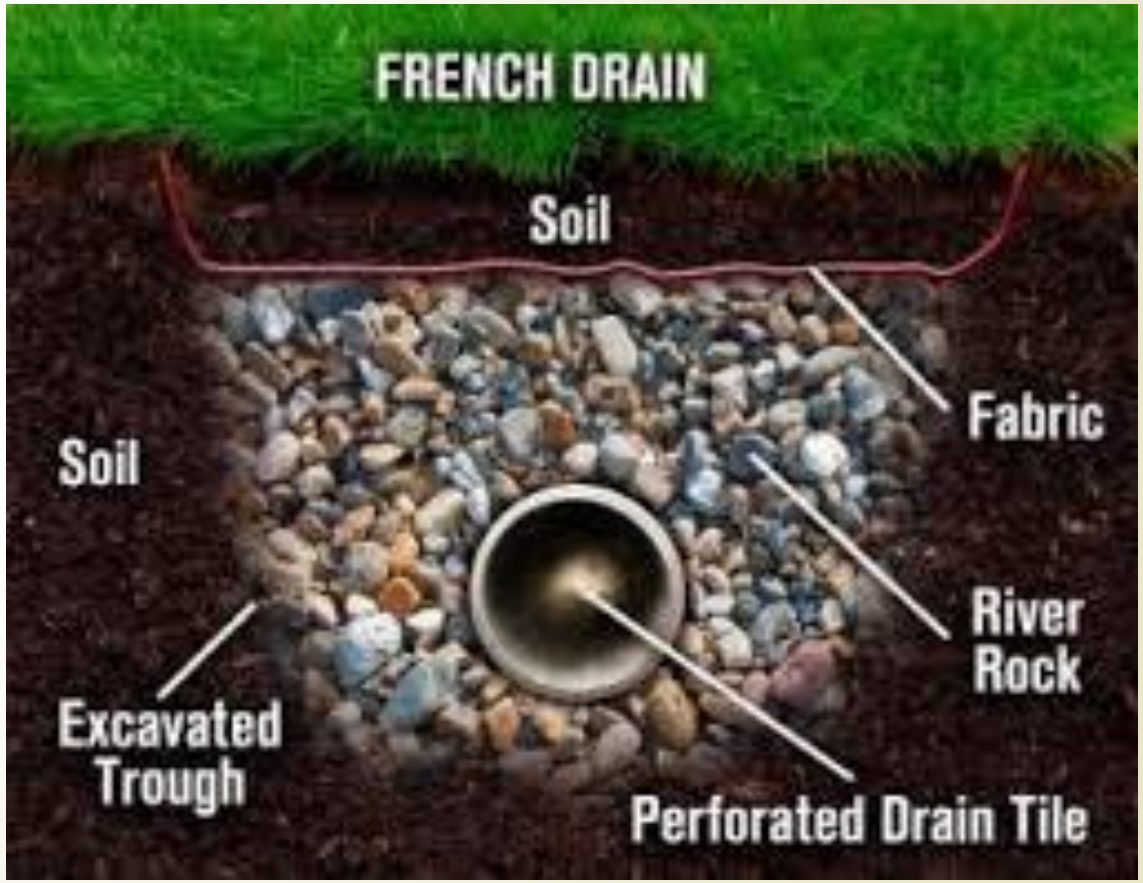
- Water/Waste Water Projects for Subdivisions in El Paso County
  - 38 Million to service 18 water infrastructure projects
  - 26 Million to serve 15 wastewater infrastructure projects
  - https://www.lvwd.org/envisionedprojects.html

Drought Conditions/ Surface water resources

- Between June 1994 and July 2013, drought severely affected water levels in the Elephant Butte Reservoir, the results of which are visible in these before-and-after satellite images.

- https://www.technologyreview.com/2021/12/20/1041307/el-paso-drought-climate-change/



Flooding Events and Onsite ponding

- Storm water containment
  - Eroded soils and treatments
- Onsite residential uses
  - French drain projects