



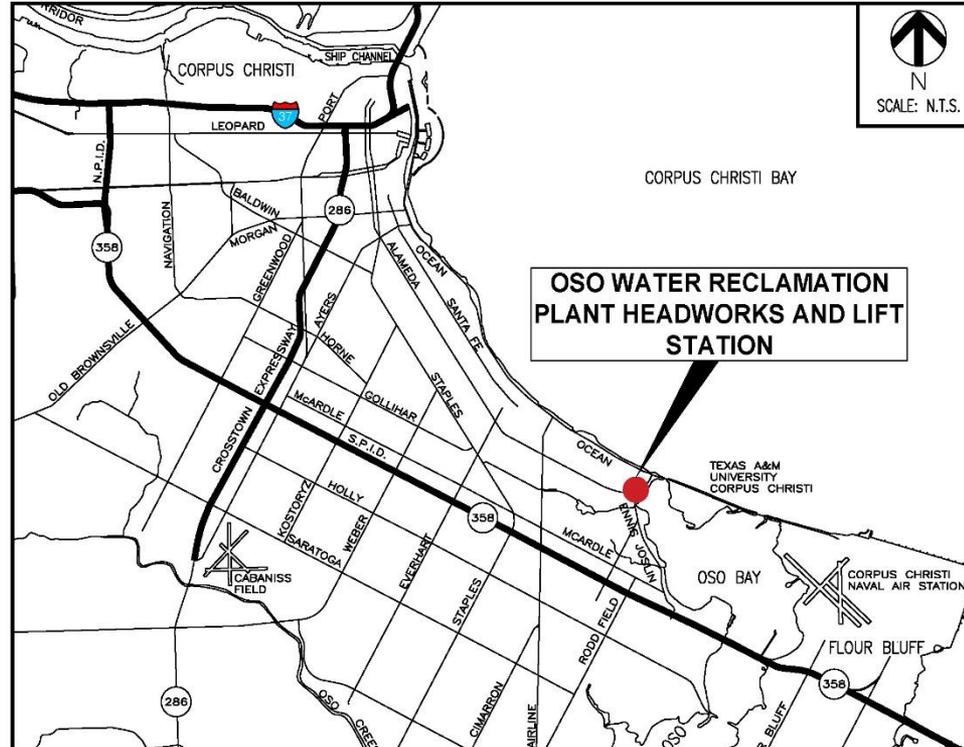
Oso Water Reclamation Plant Headworks and Lift Station



Council Presentation
December 19, 2017



Project Location





Project Vicinity





Project Objectives



Headworks and Lift Station

- Built in 1941 and exceeded service life
- In very poor physical conditions and operational performance
- Lower treatment capacity and higher O&M costs

Objectives:

- Maintain regulatory compliance
- Assure operational functionalities
- Improve treatment capacity and efficiency
- Reduce O&M costs
- Reduce process odors
- Avoid potential emergency events and permit violations



Project Scope



Base Bid includes:

- New 80 MGD capacity lift station
- New 98 MGD capacity headworks
- Prefabricated electrical control room (ECR) #5 building
- Electrical, instrumentation and control systems
- New odor control units
- Yard piping
- Associated site improvements

Additive Alternative No.1 includes:

- Removal and disposal of debris and grit in the west and east treatment train return troughs



Project Schedule



| 2017 | | | | | 2018 | | | | | | | | | | | | 2019 | | | | | | | | | | | | 2020 | | | | | | | |
|-------------|---|---|---|---|--------------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|---|---|---|---|---|---|---|---|---|------|---|---|--|--|--|--|--|
| J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | | | | | |
| Bid & Award | | | | | Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Project Construction Estimate: 730 Days

Schedule reflects City Council construction award in December 2017 with completion planned by February 2020