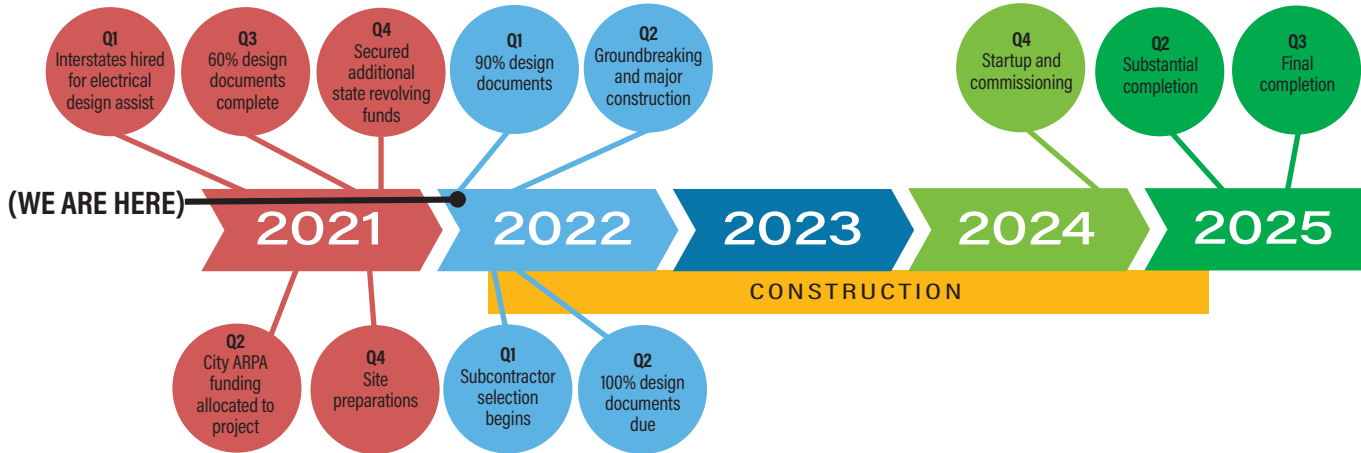


# WATER RECLAMATION EXPANSION

CAROLLO • MCCARTHY • HENRY CARLSON

## PROJECT GOALS

- Prepare for regional growth with 50% increase in plant capacity (21 million gallons per day to 30 million gallons per day).
- This regional plant serves Renner, Brandon, Tea, Sioux Falls—and other communities in the future.
- Rehabilitate existing plant—this is the first major plant expansion since the facility was built over 40 years ago.
- Position facility for future regulatory requirements



## PROJECT UPDATE—JANUARY 2022

### Early Procurement

The project team has begun procurement of the following critical equipment to mitigate ongoing supply chain and escalation risks:

- ◆ Rotary drum thickeners
- ◆ Blowers
- ◆ Final clarifier equipment
- ◆ Diffusers
- ◆ Key piping gates and valves
- ◆ Aeration basin equipment

### Mobilization and Site Preparation

Mobilization and site preparation began in the fall of 2021. Since then **27,000 cubic yards of dirt** were moved to prepare the site for construction.

Other site preparations include installation of temporary electrical power lines for the blower building, lime feed silo, and other locations.

### Design Progression

**90%** design documents completed and delivered to City staff for review in January.

### Bidding

In the first quarter of 2022, McCarthy, construction manager at risk, will solicit bids and proposals for 24 subcontracted packages worth an estimated **\$83,000,000**.

### Current project estimate: \$204,838,000

Since planning in 2018, the project cost has increased due to:

- Progression of detailed design
- Increased labor costs
- Commodities escalation