



WWTP Solids Handling Improvements

Scope: Install volute dewatering press at existing WWTP to increase process efficiency and reduce hauling and disposal costs.

Budget: \$920,210 (FY2021-2022) – Design & Construction

Design Firm: Malone & Wheeler, Inc., Austin, TX



Example of volute dewatering press

Justification and Impact

- Current sludge hauling and disposal costs are \$300k/year and labor intensive. Fully automated system provides return on investment in 3 years.
- Avoids use of sludge drying beds and generates low noise and odor, a source of frequent complaints from adjacent property owners.

Project Timeline (subject to change)

- Jul 2021 – Design contract awarded
- Mar 2022 – Design completion
- Apr 2022 – Post bid opportunity to city website and advertise in applicable mediums
- May 2022 – Bid opening
- Jun 2022 – Construction start
- Oct 2022 – Construction complete