



# Construction Innovation at WTP

## Welding Equipment:

- Orbital weld heads
- Butt fusion of stainless and carbon steel pipe

## Excavation Equipment:

- Vacuum truck
- Controlled density fill (CDF) used for backfill

*An employee uses a vacuum truck to safely excavate around piping*

## Surveying Equipment:

- Laser scanning
- Ground penetrating radar

*Laser scanning allows the Project to scan the work location, model the as-built equipment (blue pipes) and insert the design position (red pipes) for comparison*

*A pipefitter uses a screen to guide an orbital welder around a pipe in the Analytical Laboratory*

