



## Project: Shand Carbon Capture Test Facility (CCTF)

### Highlights

**Owner:** SaskPower  
**Client / Contractor:** Graham Industrial  
**Contract Value:** under \$2 million

**Work Completed:** September 2013  
**Region:** Regina, SK  
**Technology/Service:** CIP Friction Piles

### Scope

Keller was awarded a contract in July 2013 for 118 CIP concrete friction piles for the building and pipe rack portions of the foundation scope with piles from 400mm to 1800mm in diameter. A test pile (900mm X 12.1 m) and Reaction Piles (760mm x 2280mm bell x 9.0 m long) were also installed.

### Fast Facts

- Supply and Installation of :
- 118 CIP Friction Piles, 1 Test Pile, 2 Reaction Piles
  - Lengths of 5.1 to 15.1 metres
  - Diameter ranging from 400mm (16 in.) to 1,800mm (72 in.)

### Results/Value

All piles were installed as per plans and specifications ahead of schedule and budget with site safety a primary focus with zero safety incidents recorded. Team collaboration and cooperation and selecting the right tools for the job were critical to this project's success.