



## Project: Suncor Voyager Upgrader Expansion 2011

### Highlights

**Owner:** Suncor Energy Services Inc.  
**Client:** Suncor Energy Services Inc.  
**Contract Value:** greater than \$7 million

**Work Completed:** March 2012  
**Region:** Fort McMurray, AB  
**Technology/Service:** Driven Steel Piles

### Scope

Keller was awarded a contract for the installation 1,269 driven steel pipe piles. Included in the scope were re-drives, re-strikes, splicing if required, heave monitoring, and re-taps. PDA testing was conducted on selected piles as per client's specifications.

### Fast Facts

Supply and Installation of :

- 1,269 driven steel piles
- 48 splices, 349 re-drives, 937 re-strikes
- Pile sizes of 610 mm (24 inch), 457 mm (18inch) and 324 mm (12 inch)

### Results/Value

Project was completed on-time, on-budget with an exceptional safety record.