



Project: Suncor Fort Hills Pipe Pile Load Test Program

Highlights

Owner: Suncor Energy Services Inc.
Client: Suncor/Thurber Engineering
Contract Value: over \$3 million

Work Completed: February 2014
Region: Fort McMurray
Technology/Service: Full load test program

Scope

Keller was awarded a contract for the supply, installation and load testing of 15 driven steel pipe piles. Full scale top down static load tests, lateral load tests and tension tests were conducted on 20 inch, 24 inch, 30 inch, and 36 inch diameter steel pipe piles. All testing was conducted in general accordance with ASTM D1143, D3966, and tension specifications.

Fast Facts

- Supply and Installation of :
- 15 driven steel pipe piles
 - up to 100 ft. depths
 - 20", 24", 30" and 36" diameters
 - Full scale static load tests up to 12 MN

Results/Value

All piles were installed on-time, on-budget with excellent load factors achieved. There were no safety incidents on this project.