

Case History

Fiberspar installs and operates in the harshest conditions

CH2057

Location

Roan Plateau, Colorado, USA

Product

Fiberspar LinePipe™

Problem

A major North American operator needed pipeline infrastructure for water disposal in the Roan Plateau in Colorado. The installation required a steep (80% grade) ascent along the side of a mountain during harsh winter conditions. The mountain was so steep that the operator had to build a barricade wall to protect the crew from falling rocks and potential avalanches. Further complicating the situation, the US Bureau of Land Management had deemed a majority of the plateau an “area of critical environmental concern” and was closely monitoring all activity. The operator required a solution that would withstand the harsh conditions of the installation while remaining environmentally friendly and true to their performance expectations.

Solution

Surrounded by all of these obstacles, the operator chose Fiberspar LinePipe’s 4 ½” 2,250 psi (E) pipe for this difficult job. They were confident that Fiberspar LinePipe would withstand the rugged and steep ascent in winter conditions because of LinePipe’s strong glass fiber reinforced epoxy laminate and durable thermoplastic wear resistant outer layer.

Results

Amid harsh and environmentally sensitive conditions, the operator successfully installed 3,600-ft of Fiberspar LinePipe approximately 70% faster than a conventional welded steel installation. Most importantly, because LinePipe will remain corrosion free for the life of the project, the operator will realize significant savings in operating expenses for many years to come.

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