

First-Time Composite User Upgrades Gas Distribution System

Forty Mile Gas Co-op Ltd. (Forty Mile Gas) is a member-owned natural gas utility company. With approximately 2,200 members, Forty Mile Gas has been providing natural gas services to heat homes and businesses within Southeastern Alberta for over 50 years.

Location:
Elkwater, Alberta

Application:
Gas distribution

Installation Method:
Plowing and Horizontal Directional Drilling (HDD)

Products:
2” FP301

Operating Conditions:
750 psi
(5,171 kPa)
15°C (60°F)

Length:
37,200 m
(122,047 ft)

Installation Duration:
30 days

Over the last 50 years, pipeline infrastructure technologies have made significant improvements in strength, durability and reliability, and Forty Mile Gas wanted to grow with the current industry standards. When it was time to upgrade their undersized, aging aluminum infrastructure, they wanted to choose a forward-looking material that they could rely on for decades to come.

Forty Mile Gas required a solution that offered quick, cost-effective and easy installation, with minimal impact to the surrounding infrastructure, and long-term operational cost efficiency. Corrosion resistance was also a key factor in their decision, leading the existing steel user to choose composite pipe for the first time. After researching alternatives, they discovered that Flexpipe could withstand harsh conditions and was the reliable choice to provide the service they needed.

Forty Mile Gas decided to install 37,200 meters (122,047 feet) of Flexpipe’s 2” FP301 product operating at 750 psi. Plowing and Horizontal Directional Drilling (HDD) installation methods allowed Forty Mile Gas to get the least ground disturbance possible while maintaining the



quickest and efficient installation time and cost they were looking for, with the entire project being complete within a month.

“Flexpipe was extremely easy to work with and exceeded our expectations on ease of install.” - Cam Klatt, Manager, Forty Mile Gas Co-op Ltd.

These high-pressure natural gas distribution lines flowed to intermediate regulating stations so the pressure of the gas could be reduced before being distributed to residences, businesses, and industrial customers at more manageable levels.

By working with Flexpipe, Forty Mile Gas had access to a dedicated team of Applications Engineers, Project Coordinators, and a network of trained and approved contractors to help them through their project from start to finish. By choosing Flexpipe for their project, Forty Mile Gas could also be assured that their pipe had undergone extensive quality testing and met the stringent standards of the American Petroleum Institute (API).

“The product coupled with the professional representation provided by Luke Guest made Flexpipe the easy choice.” - Cam Klatt, Manager, Forty Mile Gas Co-op Ltd.





In choosing Flexpipe, Forty Mile Gas joins a growing network of satisfied customers who trust in the reliability, durability, and long-term performance for their gas distribution needs.

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