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MULTI/JOINT[®] 3000 Plus

Modernizing a critical water infrastructure at its breaking point

Customer reference: Hamlet of Rankin Inlet

The community needed a seamless water
and sewer chamber connections system
for their newly replaced HDPE pipelines

MULTI/JOINT® 3000 Plus: Proven solutions for extreme environments

A pivotal project commenced in Rankin Inlet, an isolated Nunavut community, located on the west coast of Hudson Bay, aimed at upgrading the community's aging water and sewer infrastructure. The focus of this initiative was the seamless connection of new HDPE outlet connections from the water and sewer chambers to HDPE pipelines. Central to this project was the MULTI/JOINT® 3000 Plus which meets the unique challenges of the region.

Project background

Rankin Inlet's existing system faced significant capacity limitations, causing operational delays and hindering community development. The local government required a robust, leak-free, and maintenance-free solution that could withstand ground settlement — a common concern in the extreme Canadian climate.

Selected technical solution

To address these challenges, MULTI/JOINT® 3000 Plus was chosen for its performance and adaptability. The installation was executed by the engineering teams from Dillon Consulting and KGS Group, who praised the ease of use and efficiency of the MULTI/JOINT® 3000 Plus. With over 30 years of reliable performance in various applications, the MULTI/JOINT® 3000 Plus has a proven track record. Its durable, corrosion-resistant materials are specifically engineered for both underground and above-ground use, providing maintenance-free connections that stand the test of time.

Achieved improvement

Feedback from the project stakeholders: "Thanks to its one-piece, stab-fit design, the installation was not only quick but also minimized potential leaks, ensuring a longlasting solution". The flexible restraint system exceeded expectations and delivered an effective solution. The successful connection of water and sewer chambers in Rankin Inlet showcases the impact of our fittings. As communities like Rankin Inlet strive to enhance their infrastructure, solutions like the MULTI/JOINT® 3000 Plus play a crucial role in ensuring reliability and efficiency.



No new developments could take place in the community until their 40-year-old water and sewer system was replaced.



MULTI/JOINT® 3000 Plus provided the connection the local government was seeking for their new HDPE outlet connections from the water and sewer chambers to HDPE pipelines.

Customer benefits

- The ease and speed of installation exceeded the customer's expectations
- The system's durability and performance play a key role in this modernization project
- Added peace of mind with corrosion-resistant materials

Where next?



Discover the
MULTI/JOINT®
3000 Plus system



Get in touch
with our experts

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