

# The Municipal Pipeline

## IPEX Plays Through at the Royal York Golf Course

The City of Armstrong, BC had a water main project requiring a unique solution – IPEX Fusible™ pipe. In April 2014, approximately 420 metres of 200 mm water main needed to be installed through an active, operational golf course. Tim Perepolkin, Public Works Manager, explains, “Trenchless construction was selected as the method of installation due to the impacts that open trench excavation would have had on the golf course and the costs associated with restoration.”

The costs for the Royal York Golf Course project were shared between the City and private developers and quotes were submitted for two options: IPEX Fusible and HDPE piping. According to Perepolkin, the City chose to accept the quote for IPEX Fusible for the following reasons:

- IPEX Fusible has a larger internal diameter allowing increased flow capacity over HDPE of the same outside diameter.
- IPEX ensured that only qualified fusion technicians will fuse the pipe and that each joint will be data-logged, providing increased quality control and assurances.
- IPEX Fusible doesn't require special fittings for the tie-ins and any future ties into the pipe can be completed utilizing standard C900 fittings that the City already has in stock.

Golfers used the course throughout construction, adding a steadily growing length of bright blue pipe to their list of immovable obstructions.



IPEX field support was provided by Rodney Johnston, Technical Field Representative for Western Canada, and Rob Mellander, Technical Sales Representative out of IPEX Kelowna. Perepolkin adds that both the contractors and the IPEX team “were very professional in completing this project. Rob Mellander ensured that he and Rodney would be onsite to monitor the quality control of the fusing process. The City is completely satisfied with this installation and would definitely consider future trenchless installations utilizing fused PVC.”

This project is one of many IPEX Fusible projects that happened in B.C. last year. In 2014, IPEX supplied 121 kilometers across Canada, 800km over the past 10 years.