

HIGH MOUNTAIN HOE SERVICE LTD  
RR#1 SUNDRE ALTA  
T0M1X0

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To Whom it May Concern,

This letter is in regards to our recent experience using Prime-Resins Polyurethane Grouts and Pipeline Seal and Insulator Riser-Wrap for the sealing of below grade structures against groundwater infiltration.

In the Summer of 2008, the Town of Sundre contracted us to install a 10" HDPE force main in the area of the Red Deer River and Bearberry creek. The location of this construction had a very high water table and the design engineering firm, Brisbin and Sentis Engineering Inc., had specified the use of Riser-Wrap Heat-Shrink polyethylene sleeves around the barrel joints of the manholes to prevent water infiltration. This installation proved to be successful as there have been no instances of groundwater leaking in to any of the manhole barrel joints.

Separate from these barrel joints, three manholes experienced significant water infiltration around pipe penetrations at the bottom of the manholes. Kelvin Wiley from Brisbin and Sentis recommended Prime Resins Polyurethane Grouts as a sealant against this infiltration and suggested that we contact Derek Traquair at Martech for training and technical support.

On September 10, 2008, Derek came to Sundre and worked with our personnel to seal two of the manholes using Prime-Flex 900XLV. This product proved to be successful and successive inspections of these manholes have shown the chamber to have stayed dry since the installation.

Due to water migration, a new leak began around the pipe penetration of a third manhole. Our crews tried several different products by other manufacturers to seal this new infiltration until we were contacted again by Derek to follow up on the initial installation. Derek then made a second appointment and came to the site in Sundre on Oct. 28, 2008, and worked again with our crew using Prime Resins dry Oakum soaked in Prime-Flex 900XLV and Prime-Flex 900XLV injected behind the oakum to create a water-tight seal.

High Mountain Hoe would like to thank Derek Traquair and Martech for providing this innovative solution to water infiltration as well as for their continued service and follow up on this project. We continue to work with Martech and recommend the use of PSI Riser-Wrap and Prime Resin's for inflow and infiltration control.

Regards, BOB VENNARD  
Owner  
High Mountain Hoe

