

Sewer Installation near Chilliwack

Storm Sewer Line



Project: New Sewer Installation near Chilliwack

Owner: Fraser Valley Regional District

Application: 30" Storm Sewer Line

Contractor: Pyramid Excavating

The lower mainland of British Columbia is home to some exceptionally challenging terrain with much of it extremely wet. When the Fraser Valley Regional District needed to install a new Storm Sewer they turned to 30" Weholite HDPE as the material of choice.

Traditionally concrete pipe was used for storm sewers of this size. However limited access, wet ground conditions and privately owned agricultural land posed the largest challenges. Each length of concrete pipe and all of the bedding required to support it would have to be carried across this difficult terrain.

Weholite due to its light weight, exceptional pipe stiffness, and smooth inner surface was chosen for the task. The district was able to minimize site



remediation costs, use native material for backfill and maintain the same flow as 36" concrete pipe while maximizing ground cover. Based on the significant savings in material and installation, the district is now considering using HDPE pipe in an increasing number