

ENGLISHMAN RIVER INTAKE AND PUMP STATION EXPANSION CITY OF PARKSVILLE

The work involved the installation of 90 m of 1525 mm steel lap welded pipe, piping in and around the existing pump station, a third pump, electrical, control and ventilation equipment and an additional infiltration gallery in the bed of the Englishman River. The intake and pump station capacity was increased by 75 lps, to provide for sufficient capacity until the implementation of the Arrowsmith Water Service bulk water supply system.



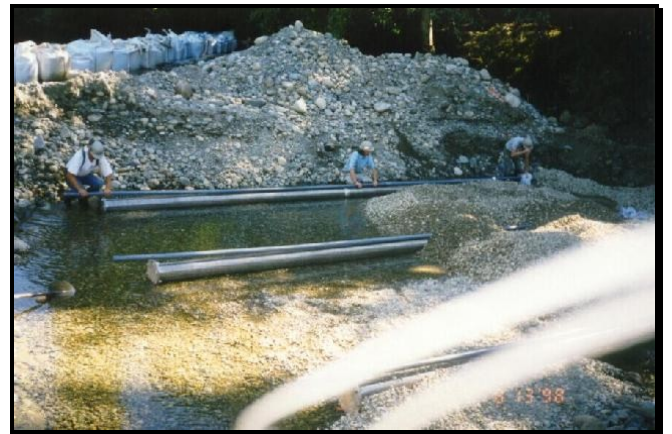
Installing the river diversion for the new infiltration gallery



Infiltration gallery excavation



*Lowering in the 1525 mm dia. chlorine contact pipe.
This steel pipe provides additional contact time
for the chlorine disinfection.*



*For the infiltration gallery, stainless steel well screens
were installed and backfilled with imported gravel pack
material. Air lines were installed alongside the screens
for purging to clear build-up of fines.*