

WATER SUPPLY MAIN DISTRICT OF UCLUELET

The District of Ucluelet developed a new wellfield which required a new supply main to deliver the water into the community. The total length of main was 7,400 m, of which 1,660 m was 450-mm DR 17 HDPE, 4,300 m was 400 mm DR 17 HDPE, and 1,440 m was 350 mm DR 25 PVC. The main was installed along the Pacific Rim Highway and incorporated valves and hydrants and a new 1,400 m³ capacity bolted steel reservoir.

Upon completion, the pipeline working area provided the space for a paved multi-purpose path, separated from the highway by a drainage ditch or boulevard.



Pipe was lowered in after a long section of trench was excavated.



450 mm dia. fusion welding machine for the HDPE pipe was used in a special shelter to avoid driving rain and wind (typical during winter months in Ucluelet) during the heat fusion welding process.



After fusion welding long sections, the pipe was strung along the right-of-way prior to trench excavation and installation.

