

LOST SHOE CREEK WELL FIELD

DISTRICT OF UCLUELET

The Lost Shoe Creek Well Field was developed to provide an additional water source for the District of Ucluelet, to accommodate more than doubling of water demand from new fish processing plants. Pumps and wellhead equipment were installed at four wells for a total capacity of 120 l/s. Water from the wells is piped to a control building that houses electrical components, control valves, flow meters and chlorination equipment. The building was sized to accommodate the equipment for two additional wells.



The well field under conditions of high ground water. An overflow to lower elevations controls the high water level.

Gas chlorination equipment disinfects the water being delivered to the supply system, and can also deliver chlorine solution back to each well in case disinfection of the wells is required.



Interior of flow control building, with chlorination room and electrical panels in background