



## Island Lake Reserve and Resort Skiing & Residential Development Environmental Process

Location: Near Fernie, British Columbia, Canada

Client: Island Lake Reserve

Lead Agency: Regional District of East Kootenay (RDEK)

### Services Provided:

Wildlife, wetland, stream, and botanical surveys; water quality monitoring; delineation of environmentally sensitive and unique areas; environmental processes and permitting.

### Details of PIONEER Involvement:

Pioneer was responsible for inventorying natural resources at Island Lake Reserve and Resort near Fernie, British Columbia, Canada. These resources included an area of old growth cedar forest, stands of cedar trees in excess of 500 years, Lizard and Iron creeks, and Island Lake itself. Pioneer provided all of the environmental information for Canada's OCP (Official Community Plan) process. Along with the environmental evaluation of the property, Pioneer consulted on the proposed development plan in order to protect environmentally sensitive and unique areas of the project. Other duties included evaluating Island Lake's water quality and developed a plan to improve fisheries and water quality. Pioneer designed and supervised the installation of an aeration system for the lake to help reduce algae and improve water quality.

