

Rayleigh Slo-Pitch Park

Kamloops, British Columbia

Slo-Pitch Park, a 50-acre athletic park, is located in the community of Rayleigh in north Kamloops. ion master-planned the phased irrigation system, modeled the total irrigation water requirements, calculated the feasibility and life-cycle savings of using river water, verified the water quality was suitable for turf, prepared detailed layout plans and specifications and assisted the City with tendering.

The Parks department for 20 years had used a pioneering central control product. However, the product was expiring and they were enduring poor communication to satellites in that end of the city. Also, the existing central did not have the capability of operating decoders, which made sense for the phased development and linear layout of the park. ion proposed a decoder-based control system that saved over 50 kilometres of wire and \$100,000, complete with an onsite weather station. This necessitated a new central control system that the City is employing in the north end that is providing real-time, weather-based irrigation control to a growing part of the community.

Furthermore, the Slo-Pitch Park irrigation system serves double-duty as the site's fire protection mainline. The irrigation system is branched off a new intake on the Thompson River that provides a new potable water source for Rayleigh. Annual savings of \$300,000 are realized by not having to treat the irrigation requirement of 152,000m² (40,000,000 US gallons).

