

8.10. Irrigation

To avoid impacting the groundwater supply or aquifer recharge areas, the use of treated effluent is planned for irrigation of the golf course. This irrigation source is presently being utilized by several courses in the area such as Osoyoos, Fairview Mountain, Predator Ridge and Vernon Golf Course.

The program is governed by Minister of Environment regulations including an on going monitoring commitment. Detail information of the required studies necessary to upgrade the present sewage treatment plant at Silver Star are contained in the Wastewater Management section (8.11), Minister of Environment letter of July 29, 1997 and Novatec's Wastewater Treatment and Disposal studies.

The actual in-ground fully automated irrigation system will be a dual head control with the ability to isolate greens and tees. It is engineered to irrigate in three cycles over a night that will vary from 3 to 10 minutes each. This interrupted form of irrigation avoids the potential of run-off. Ground sensors communicate with computers as to grass plant irrigation requirements to avoid over watering.