



# Superintendent Report

## January 2023

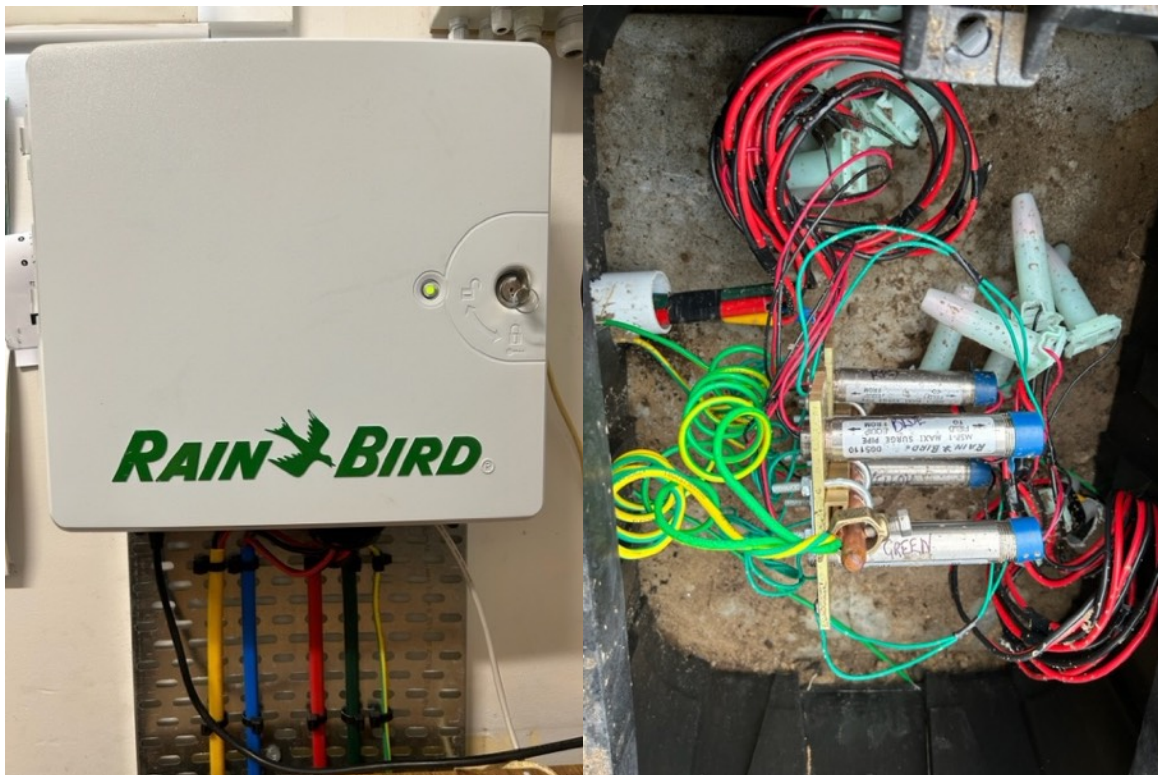


## Irrigation System Installation

The installation of the new irrigation system has been the primary focus on the golf course over the past couple of months. The installation is on schedule and all parties are very happy with the progress.

So far, we have installed the new system on holes 4 through 9, as well as the practice fairway. We have also added in a new control panel and multiple surge protection devices, this is to protect the system from lightning strikes.

The wiring system has been installed, however, the software to control the new system has not yet been upgraded. Once the software is upgraded, we will be able to control the new system automatically with programs scheduled to water at night. You may have notice some of these fairways becoming very dry. This will be resolved once the software is upgraded. The fairways will make a full recovery within a few weeks.



Pictured is the control panel and surge protection

Unfortunately, in some areas we have encountered very hard ground. This has taken away the ability to plough the pipe, meaning we had to open trench with a large chain trencher. Open trenching is much slower and makes considerably more mess, you may have noticed this on the 6<sup>th</sup> fairway. We hope to not have to do this in many areas, it all just depends on the ground conditions.



Pictured is the open trenching on the 6<sup>th</sup> fairway





Pictured is the 6<sup>th</sup> fairway sprinklers operational

## **Air2G2**

In late November all golf greens and both bowling greens received treatment with Air2G2. The Air2G2 uses three probes to laterally inject pressurised air up to 30cm beneath the surface of the soil, in a diameter of up to 2 meters, reaching deep into the soil profile. Compacted layers form as a result of foot traffic, mechanical traffic and nature's daily wear and tear. The laterally injected air loosens compacted soil immediately, without any disruption to the surface of the turf or the roots below.

The injected air relieves Compaction, increases Porosity and enhances Respiration which in turn allows water to drain easily and promotes gas exchange. But most importantly, it does so with little to no disturbance to the turfgrass surface, the roots below and doesn't leave a trace of cores to clean up afterward. Some of the greens are Tura are close to 40 years old and would have never had disturbance/compaction relief to the soil as deep as 30cm.



### **5<sup>th</sup> Dam Outlet**

BVSC have repaired the outlet on the 5<sup>th</sup> dam. The headwall had collapsed causing erosion to the embankment and the road. A 5m section has been replaced on both pipes and a new headwall has been formed using spray on concrete. This will allow the water to exit to dam more freely in heavy rain events. The 4<sup>th</sup> and 5<sup>th</sup> will still go under water when we receive large amounts of rain, lets just hope its not as frequent.

