

Dot Point Request

Requested by: Minister's Office

Business Unit: City Presentation

Subject: Drainage problem at John Knight Memorial Park

Dot Points:

- A TCCS officer investigated the site and surrounding locations.
- Apart from several sprinklers, there are several contributing factors like the water that washes down the landscape gradients after heavy rain and the grass and soil quality unable to soak in water, for the amount of water that builds up in the area.
- Work for irrigation renovation is planned for winter and an irrigation officer consulted with TCCS plumbers to provide options for the drainage problem.
- As the irrigation system runs electrical components to the valve boxes within the lawn, this park has been identified for re-wiring with a quote being requested.
- The electrical component of the irrigation system has been a problem as over time large old trees have damaged wires which means we have not been able to run certain stations. One of these is located in our problem area therefore the grass quality has decreased .
- The washed-out dirt from on the path has been cleaned up.
- TCCS Irrigation Officers met with Treasury to discuss short-term options and turf renovation for the erosion control in mid-February 2020.
- A plan has been crafted to purchase coconut log sediment filters to be placed at strategic places where water is washing down the bank. Furthermore, rocks will be built up at the wall with new soil placed on top of the roots where soil has eroded with the coconut logs.
- A renovation program will be put in place to re-establish the grass, this will require the ground to be prepared due to heavy compaction and new soil brought in. A new hardy drought tolerant seed selection to be considered and sown.
- The area will need to be fenced off while renovations and establishment takes place. A time frame needs to be set with re-seeding expected to occur at the end of March.
- The swale that sits along the bottom rock wall will need repairs and extending and has been temporarily propped and raised by TCCS.
- There are some proposed long-term solutions for the drainage issue that will be discussed further within City Presentation.
- Within the long-term solutions, the pad to re-direct the toilet cleaner and renovate the top area needs further discussion. The toilet itself does not leak water, but rather the path constructed around the entrance of the toilet block creates drainage issues as the water runs off the concrete surrounds and heads down the hill acting as a collection point.
- Two storm water pipes run in JKP. They collect runoff from the surrounding road network and transport the water to headwalls located at the banks of Lake Ginninderra.



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Action Officer: Diego Santillan

Director: Ken Marshall

Date: 20.03.20