

3 July 2019

The Brown Hill Keswick Creek Stormwater Management Project Team
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**SOUTH EAST CITY RESIDENTS ASSOCIATION (SECRA) SUBMISSION ON THE
BROWN HILL KESWICK CREEK STORMWATER MANAGEMENT PROJECT**

This submission addresses the proposal to construct a wetland at the southern end of Victoria Park (Park 16) and stormwater management works in Blue Gum Park/Kurangga (Park 20) as part of the Brown Hill Keswick Creek Stormwater Management Project.

Attached is a SECRA submission that was submitted on 18th May 2011 on the proposed works in the south Park Lands.

While some of the issues that were raised in that letter, such as the poplar trees and removal of native trees, are addressed in the current documentation for these works SECRA has the following comments regarding the project.

Unlike the Brown Hill and Keswick Creeks, where runoff from the western slopes of the Mount Lofty Ranges is able to dilute contaminated runoff into these creeks from urban areas, the Park Lands Creek inflow is almost entirely from urban runoff. SECRA is of the view that trash racks should be installed upstream of the Park Lands to assist in preventing solid waste from entering the Park Lands Creek. However the water that enters the Park Lands Creek will still contain considerable suspended and dissolved contaminants.

SECRA understands that the prime purpose of the Glenside detention basin, just upstream of the proposed wetlands, together with the proposed wetlands and the inundation of Park 20 in times of high flows is to reduce the peak of high stormwater flows by filling and then slowly emptying after the flow of stormwater has subsided. Under these circumstances the water would not remain in the basins long enough for the settlement of suspended solids and natural removal of contaminants as it is assumed that the water in all three areas would drain some days after receiving the storm water with the exception of the deep pools in the proposed wetlands.

SECRA supports the concept of the proposed wetlands but is concerned that the water in the deep pools has the potential to contain significant contaminants. Also as flows in the Park Lands Creek rely solely upon stormwater from urban area stormwater drains it could be many months when there is no flow into the wetlands. SECRA therefore questions what is to prevent these pools becoming stagnant and eventually drying up? Also under these circumstances, while deep pools of clean water may not be a haven for mosquitoes stagnant shallow pools may be.

The section of the Park Lands Creek adjacent to proposed wet lands is currently overgrown and in an unkept condition. It is hoped that remedial work on this section of the creek will be undertaken as part of the wetlands project. In addition the lower part the geotextile lining in the rehabilitated section of the creek just downstream of the proposed wetlands has been washed away. SECRA questions if this is a suitable lining in a waterway where there is potential for turbulent fast flowing water.

Also as raised in SECRA's letter of 18th May 2011 there will need to be restricted parking in the proposed car park to ensure that it is available to visitors to the wetlands and is not used for all day parking.

A response to the issues raised above would be appreciated.

Regards



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