

GLENEAGLES RESERVE STORMWATER MANAGEMENT

Update on Design

The West Lakes Stormwater Management Plan (WLSMP) endorsed by Council designates Gleneagles Reserve as a prime spot to tackle flooding problems in Seaton. In addition to recent studies, flooding issues (especially in 2016 and 2022) emphasise the urgent need to address flooding in Seaton as the top priority. Gleneagles Reserve's expansive open space makes it an ideal location.

Consultation to Date

From December 2022 to February 2023, we consulted with the Seaton community about a proposed new stormwater detention in the Gleneagles Reserve. On Saturday 21 January 2023, a community session was held with over 45 people in attendance to provide feedback on the proposal. We also received 16 submissions online.

From the feedback it showed:

- 74% of respondents used the reserve a few times a week or more.
- Majority of the respondents used the reserve to exercise or walk (73%), socialise and relax (53%), walk the dog (46%), or to play on the playground (40%).
- 74% of respondents were either aware of flooding issues in Seaton or flooding in their street.
- 93% of respondents understood the need for stormwater detention in the reserve.

Many respondents supported the management of stormwater in the area based on personal flooding experiences (12 households have flooded in the last 5 years). The location of the detention (Gleneagles Reserve) was also supported, as long as people who use the park could still continue to utilise the space, as they do now for dog walking and other activities.

Play Equipment/Reserve Upgrade

We also asked for ideas from the community on what they want in the reserve. When developing the design for stormwater management in 2021, we thought the existing playground may be impacted. We have now determined, the stormwater design that has been endorsed by Council doesn't impact the play equipment within the reserve. Feedback and suggestions made through this community consultation will now be considered separately as part of a future budget proposal to Council.

A full summary of consultation feedback received is available on Your Say Charles Sturt:
yoursaycharlessturt.com.au/gleneaglesreserve

Since consultation, we have been working closely with a technical consultant along with our internal arborist and landscape architects to develop a design that would address our stormwater management needs, the needs of the community and reserve users.

The design shows:

- 165 trees are proposed to be removed.
- 200 or more trees of suitable species will be planted in the basin or surrounding area, a net gain of 35 or more trees.
- Realigning the car park entrance at Ailsa Avenue, removal of the dirt mound between the existing carpark entrance and Leven Avenue to gain additional stormwater detention volume.
- Removal of an old basketball ring behind the club as it is redundant (due to a relatively new one already at the existing playground) which will help to gain additional detention volume.
- Vertical 'gabion walls' along the carpark and clubroom building to increase detention.
- A large stormwater pit and weir in Dumfries Avenue to divert stormwater high flows from Dumfries Avenue main drain to the detention basin.
- A new stormwater pump station to pump water from the basin back in the Dumfries Avenue main drain. The pump station is designed to empty the basin within 24 hours after a rain event has ceased in the sub catchment.

Expected Outcomes of Gleneagles Reserve Stormwater Detention

In a rain event that occurs on an average of every 5 years, flooding in 23 properties will be prevented. In a more severe rain event that occurs once in every 100 years, flooding in 8 properties will be prevented.

The plan along with a report was recently presented to the Asset Management Committee on 20 November 2023 and to Council on 27 November 2023. At these meetings, the elected members endorsed the plan for consultation.

The Asset Management Committee Report – 20 November 2023 is available on our website.

Proposed Timeline

November 2023 to February 2024

Tender for construction.

March 2024 to June 2025

Construction scheduled to commence during this time.

If you have any queries or comments on the design plan, please email us by no later than 18 December 2023.

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