

Waimāero Fendalton-Waimairi-Harewood Community Board MINUTES ATTACHMENTS

Monday 11 September 2023

4.30 pm

Date: Time:

Venue:

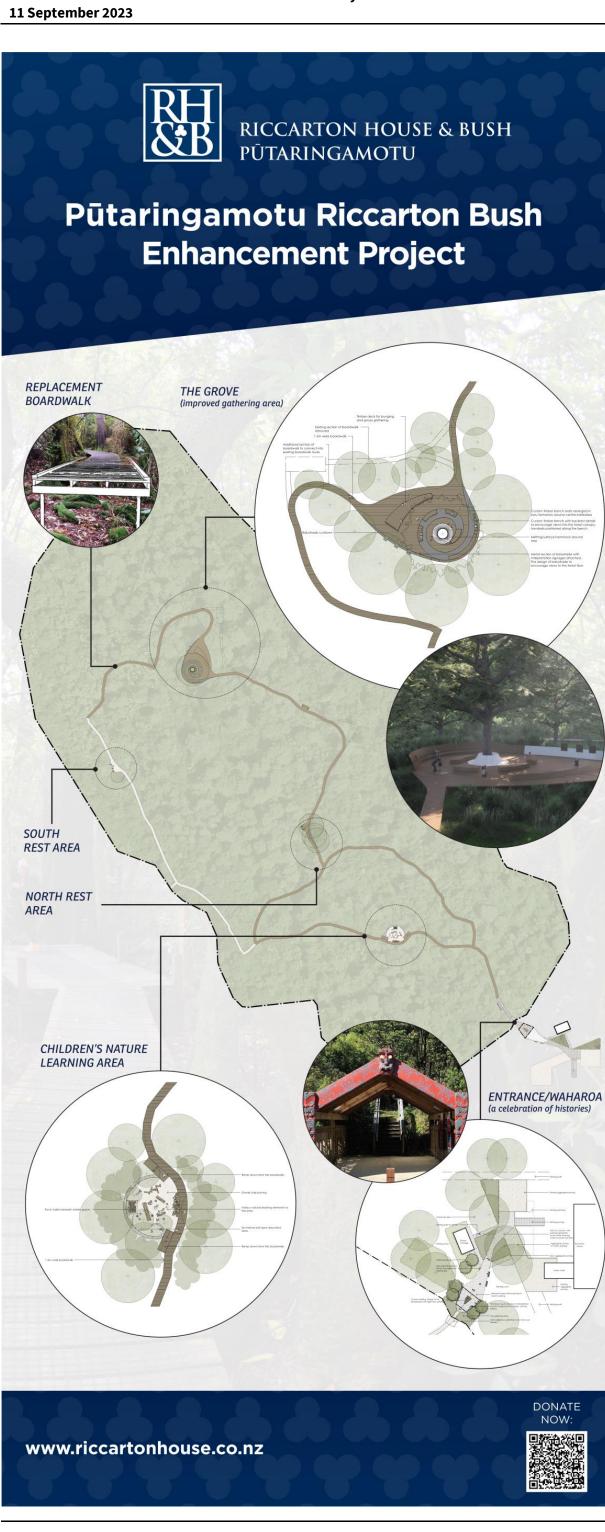
	Corner Jeffreys and Clyde Roads, Fendalton			
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8.	Avonhead Park surface water management			

Boardroom, Fendalton Service Centre,

Officer Presentation - Avonhead Park Surface Water Management......5



Christchurch City Council



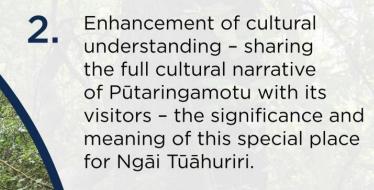






Pūtaringamotu Riccarton Bush Enhancement Project

Creating spaces that support and enable education, learning and connection.



- Improved accessibility removal of barriers to increase participation for people with disabilities.
- 4. Conservation of native flora and fauna and connection to and valuing of the natural environment of Waitaha/Canterbury.
- 5. Optimised access to an experience that supports well-being in multiple ways enjoying physical activity, connecting with others, moments of wonder and enjoying the little things, mindfulness, and learning new things.

DONATE NOW:

www.riccartonhouse.co.nz



Avonhead Park

Surface Water Management Proposal

Report to Waimāero Fendalton-Waimairi-Harewood Community Board

11 September 2023



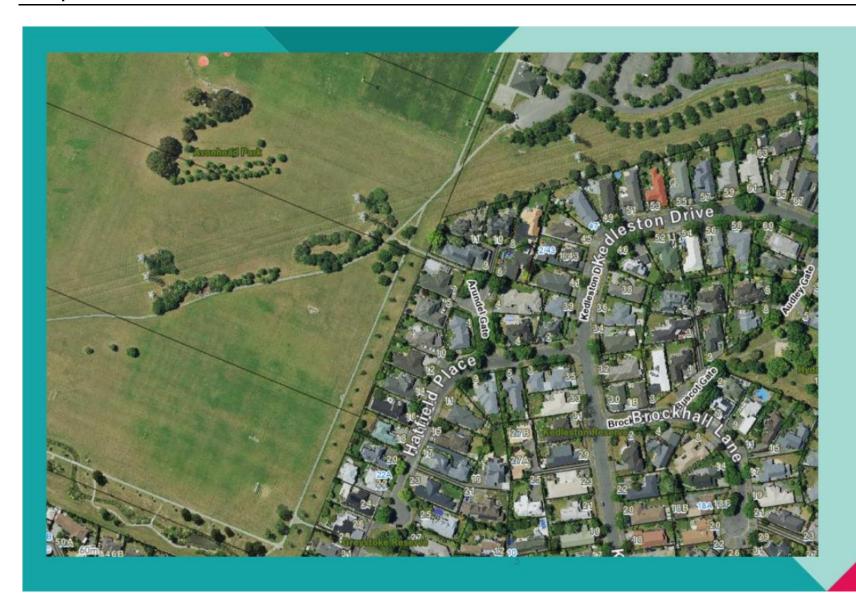


Background:

- Three rainfall events in the last 13 months have caused severe flooding on the east side of the park.
- The first, in July 2022, was the wettest month (of any month) on record in Christchurch.
- Subsequent flooding events occurred on 22/23 July 2023 and 16 August 2023.

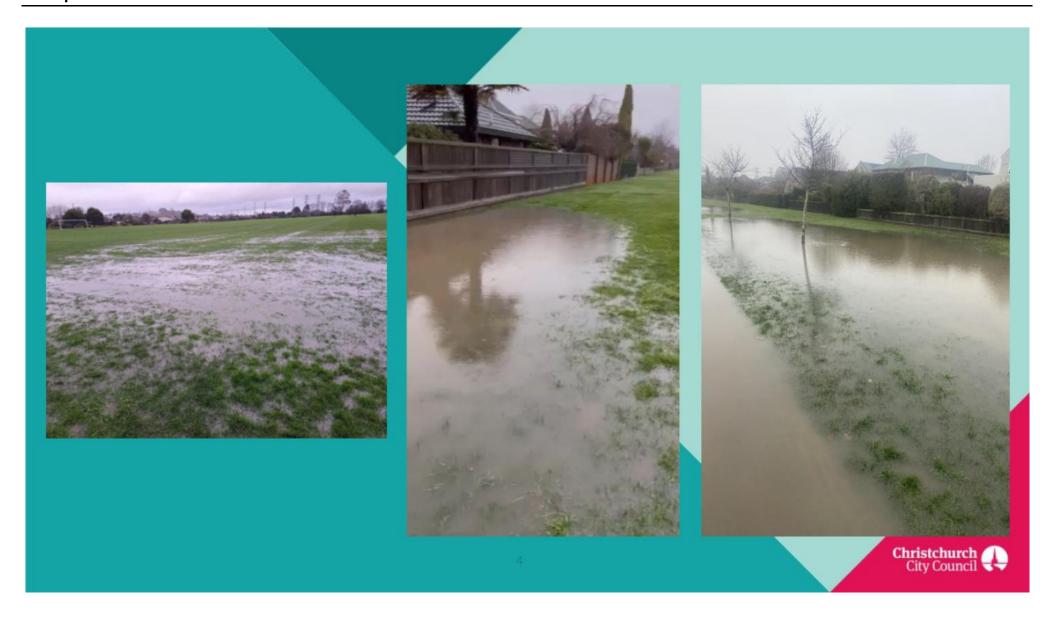




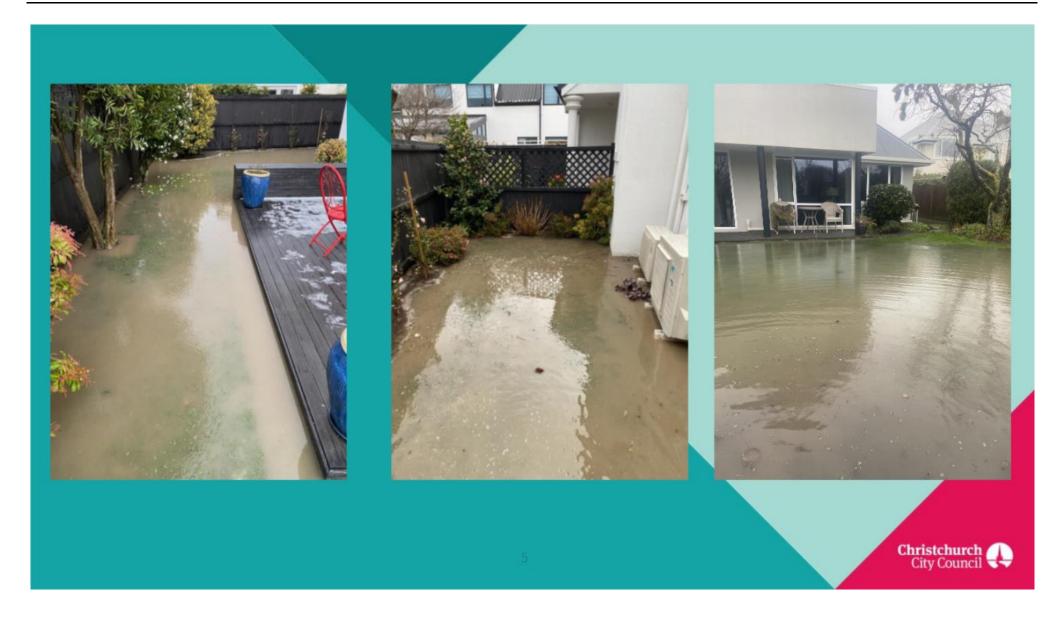




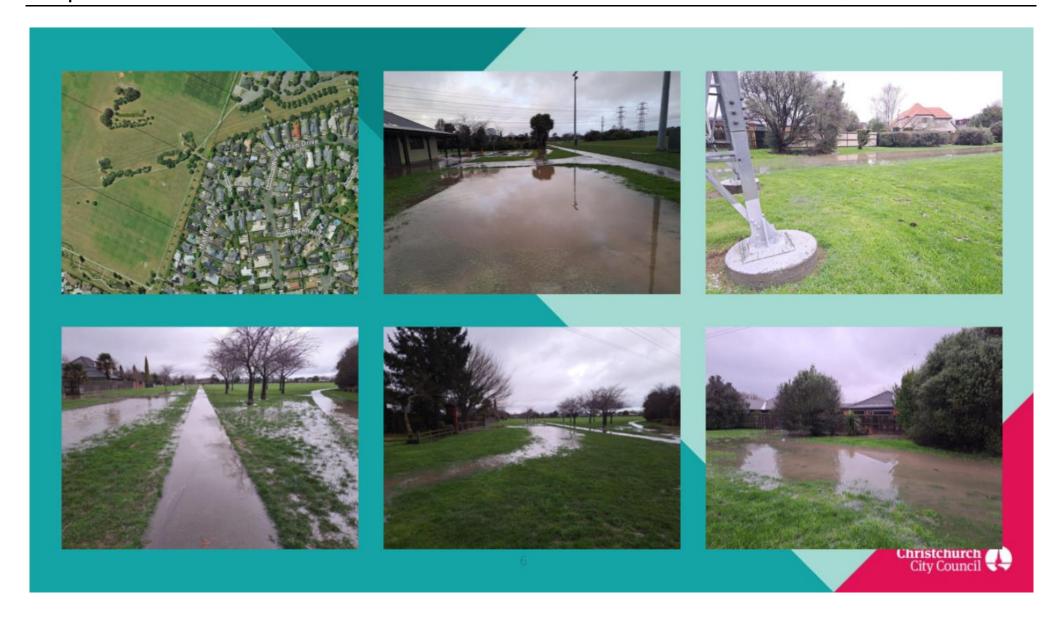






















Investigations and consultation:

- Engagement of park, landscape, planning, storm water and engineering
 - specialists
 - soakage tests
 - water and soil analysis
 - flood water modelling
 - landscape design
- Liaison with Orion
- Liaison with sports clubs
- Information flyer (letter drop and on-line)

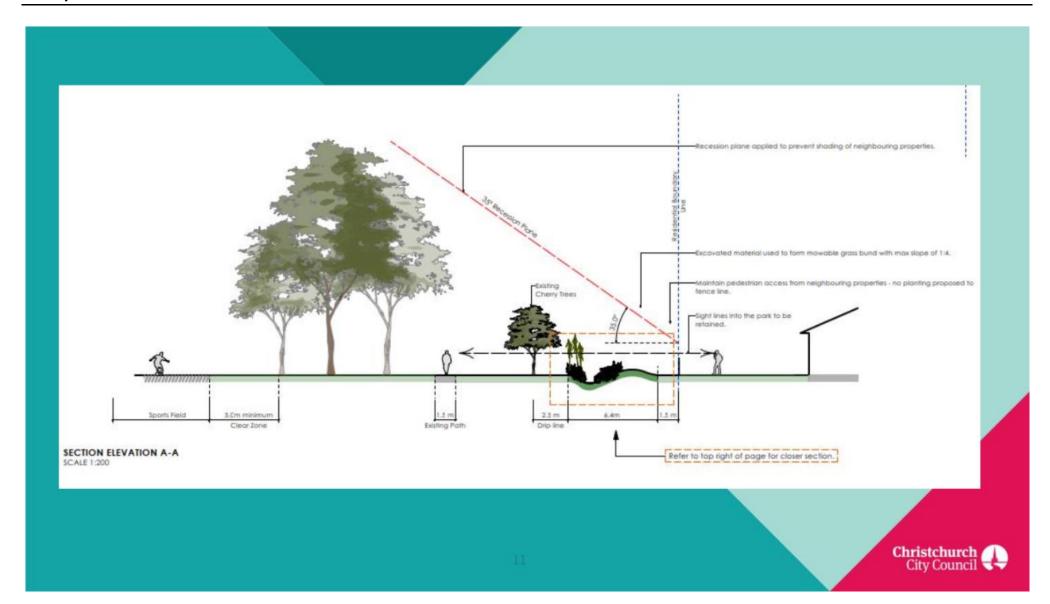












Alternative options:

- Do nothing risk of future flooding remains very high
- Install a bunded swale along the fence line but need to avoid moving problem to other properties





Conclusions:

- Soakage to ground is essential for any remediation work to be successful
- Temporary swale/bund is required as part of long term solution
- Long term solution can be installed progressively
- Long term solution can be dovetailed into Urban Forest Plan



Recommendation:

- Install bunded swale along fence line
- Plan and implement the proposed surface water management solution, subject to identification of the appropriate budget within Community Parks
 Capital programme (c. \$600,000)

