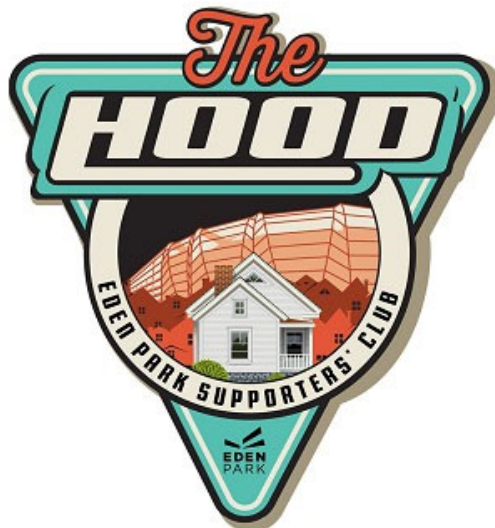

From: **Eden Park** <info@edenpark.co.nz>
Date: Fri, 3 Feb 2023, 1:56 pm
Subject: The Hood - Another update from Eden Park
To:



To all our Hood members,

We hope this finds you well and safe.

We wanted to write and give you another quick update on Eden Park.

As before, we're still 100% focussed on delivering our upcoming calendar of events. Our team are all working hard to ensure the stadium can continue to deliver events for Auckland and New Zealand.

We also want to reassure you that water being drained from the Park is not having any impact on residential areas. We've had some community enquiries about this subject, so we have asked ACH Consulting Engineers to provide a brief summary to answer these questions.

What caused the flooding of Eden Park sports fields and facilities?

The large rainfall events on the days in question resulted in the underlying aquifer filling to the point that it reached ground level within the park. Water from the aquifer upstream of Eden Park then began to fill the sports fields, resulting in the flooding that has been observed.

The sports fields are acting like a detention basin, storing water until the downstream aquifer and stormwater system has the capacity to drain the water away. The storing of water is helping to reduce the peak flooding that has been experienced in the downstream catchment and properties.

Where does the water from the flooded park go?

Once the aquifer level drops, stormwater from the park generally exits in the same manner it entered the park, via ground infiltration. A portion of the park also discharges to the public stormwater network. This occurs when capacity becomes available in the stormwater pipe.

Does the discharge of water from Eden Park exacerbate the downstream flooding?

The bulk of the water in Eden Park originates from roads and properties located above and surrounding Eden Park. The water has primarily entered via the underlying rock / aquifer, not via water that has landed on the park as rainfall.

Eden Park acting as a detention basin will extend the discharge to the downstream stormwater network and aquifer, reducing the peak flows and preventing some properties from flooding. The installation of detention basins is a common flood mitigation measure employed around Auckland / the world.

Does the pumping of flows onto Sandringham Road impact on the downstream flooding?

No. The pump discharge will not increase flows into the stormwater system and increase downstream flooding.

If you have any concerns or questions, please feel free to reach out by responding to this email.

Ngā mihi,
The Eden Park team



EDEN PARK

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