

Q1 Name

Short Text

Q2 Email address

Email

Q3 Phone number

Telephone

Q4 What is your interest in the review? (select one)

Multi Choice

I live close to the areas flooded

Q5 Address of the flooded property

Short Text

Q6 Property type

Multi Choice

Q7 Is this your usual place of residence?

Multi Choice

Q8 Did you have to move out as a result of the flood?

Multi Choice

Q9 Are you still living elsewhere?

Multi Choice

Q10 Do you intend to return?

Multi Choice

Q11 What is your business name?

Short Text

Q12 What does your business do?

Short Text

Q13 Did you have to close your business as a result of the flood?

Multi Choice

Q14 Have you been able to reopen your business yet?

Multi Choice

Q15 Do you intend to reopen your business?

Multi Choice

Q16 Do you own the property?

Multi Choice

Q17 Do you intended to sell the property?

Multi Choice

Q18 Your submission

Long Text

In early 2022, my partner and I decided to purchase a home in [REDACTED]. We conducted due diligence checks (including building inspections, review of council flood maps, and the gathering of insurance quotes) on homes in the area. Through these due diligence checks, I became very familiar with local flood maps.

This familiarity has allowed the identification of several inconsistencies between existing flood maps and the areas inundated in October 2022. These inconsistencies suggest that the Flemington Racecourse Flood Wall has altered the hydrology of the area, contributing to the inundation of local residential areas and traffic corridors in October 2022.

Of particular concern is that some flood maps that indicate areas expected to flood in a 1% annual chance flood event (City of Melbourne, 2023; Department of Transport and Planning, 2023a; Victoria SES, 2021) depict:

- areas that are expected to flood but which didn't flood in the October 2022 flood event (namely, the Flemington racecourse), as well as
- areas that are not expected to flood but which did flood in the October 2022 flood event (such the stock route walking path abutting Bateman Road properties between Riverside Park and The Crescent, and The Crescent at the stock route pedestrian crossing; Bazzcock, 2022; Hazpt Media, 2022).

[Figure 1 - Kensington and North Melbourne 1 in 100-year flood map; Victoria SES, 2021; see submission attachment]

[Figure 2 - intersection of The Crescent and the stock route walking path circled in green on 1 in 100-year flood map; Victoria SES, 2021; see submission attachment]

[Figure 3 - flooding at the intersection of The Crescent and the stock route walking path; Hazpt Media, 2022; see submission attachment]

Notably, the October 2022 flood event peak of 4.18 metres (Ward & Abbott, 2022) did not reach the Maribymong City Council '1 in 100 year flood' classification of 4.45 metres (Maribymong City Council, n.d.), making it even more surprising that the latter areas became inundated; not only were they purportedly less likely to flood than the Flemington Racecourse, but their annual flood risk profile is below 1% (City of Melbourne, 2023; Department of Transport and Planning, 2023a; Victoria SES, 2021).

It would seem likely that the discrepancy between predicted and actual flooding is a result of the existing flood maps — official maps on which planning decisions are made (Department of Transport and Planning, 2023b) — having been based on hydrological modelling conducted before the installation of the Flemington Racecourse Flood Wall. Additionally, the 2022 flooding of areas not predicted to be inundated in a 1% annual chance flood event suggests that the installation of the Flemington Racecourse Flood Wall had an adverse impact on the hydrology of the area, increasing the flood risk of areas not previously considered at significant risk of inundation.

References:

Bazzcock. [@Bazzcock1]. (2022, October 15). Below: the inundation overlay vs SES call-outs yest. The wall clearly shunted water to nearby houses that were not previously flood prone. [Photos attached] [Tweet]. Twitter. <https://twitter.com/Bazzcock1/status/1581046374145007617/photo/2>

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Department of Transport and Planning. (2023a). VicPlan Version 2.4.4. Retrieved March 5, 2023, from <https://mapshare.vic.gov.au/vicplan/>

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Maribymong City Council. (n.d.). Local Flood Guide. https://www.maribymong.vic.gov.au/files/assets/public/council-plans-reports-and-publications/emergency-management/cd-17-20032-maribymong_footscray_yarraville-web.pdf

Victoria SES. (2021). Kensington and North Melbourne Local Flood Guide. <https://www.ses.vic.gov.au/documents/8655930/9320133/Kensington+and+North+Melbourne+-+LFG+-+Draft+V1.5.pdf/b90a8d4d-6eb2-e9e8-eb33-8e6b7fa0cc4e?t=1634863546126>

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Q19

If you have any supporting documents upload them here.

File Upload

https://yoursay.melbournewater.com.au/download_file/6953



The map above shows the possible flood impact of a 1 in 100-year flood (1% chance of occurring in any given year) within the Melbourne CBD area

Figure 1 - Kensington and North Melbourne 1 in 100-year flood map (Victoria SES, 2021, p. 2).



Figure 2 - intersection of The Crescent and the stock route walking path circled in green on 1 in 100-year flood map (Victoria SES, 2021, p. 2); marking added. Note that this area is some distance from areas indicated as being at risk of inundation.



Figure 3 - flooding at the intersection of The Crescent and the stock route walking path, 14 October 2022 (screenshot of video footage; Hazpt Media, 2022, 3:53)

References:

Hazpt Media. (2022, October 20). *2022 Marybynong [sic] River Floods in Kensington* [Video]. YouTube. https://www.youtube.com/watch?v=l_pgNoTMZ8Y

Victoria SES. (2021). *Kensington and North Melbourne Local Flood Guide*.
<https://www.ses.vic.gov.au/documents/8655930/9320133/Kensington+and+North+Melbourne+-+LFG+-+Draft+V1.5.pdf/b90a8d4d-6eb2-e9e8-eb33-8e6b7fa0cc4e?t=1634863546126>