

DRAFT for legal consideration.

1. David ETTERSHANK, page 6

Question Asked:

I guess I have sort of got one eye towards the publication of the report and such like, and I think the secretary did actually request a 1 per cent flood map with contour lines on it, which was provided. However, the contour lines do not tell us anything about the flooded areas – there are no contour lines there – so we are none the wiser as to whether there are 4 metres of water or 1 centimetre of water. Say, for example, on Kensington Banks, how do we understand the amount of water that will be affecting properties across that site, which up until now, as I understand it, has not even been literally on the map in terms of the flood zone. I am correct there, I think, aren't I?

Tim WOOD: As I mentioned, we have the information for each individual property, and we can provide that. If property owners ring us, we can provide them that individual information. Apologies about the contour maps; we probably just misread what you asked for. We can provide a map with the contours within the flood shape if you would like that. We can definitely provide that.

Response:

Maps with contour lines have been provided at Attachment B1, B2 and B3.

2. David ETTERSHANK, page 6-7

Question Asked: I will be guided by my colleagues here, but I think we would really like the report to be able to have graphically represented maps – graphics that show the properties that will be affected and the degree of impact across those. If we look at some of the maps that were provided today, I really struggle to actually figure out what was dry land normally as opposed to being buried under the blue. So can we actually look to get some graphics that we can incorporate into our report that show the affected areas, the depth of the floodwaters in each of the 2020, 2024 and 2100 models and I guess relevant landmarks so people can actually work out what is what? Is that possible to do and provide in a timely manner to the committee?

Nerina DI LORENZO: We will take that request away, and we will provide a response to it.

Response:

Maps with depth levels have been provided at Attachment B1, B2 and B3.

Additional Questions:

1. David Ettershank

Question asked:

Please provide maps in a form that are understandable by the general public that show the actual properties effected and the depth of the flood waters in each of the 2022, 2024 and 2100 models for the affected areas in Kensington Banks, Edgewater, Riverview, Ascot Chase and Maribyrnong Townships (and any other currently occupied but to be affected areas). The maps should also include identifiers such as roads, bridges and current non-flood waterfront edges.

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Response:

Maps with flood levels for the 2022 flood event (Attachment B1), 2024 1%AEP (Attachment B2) and 2100 1%AEP (Attachment B3) with identifiers have been provided.

3. David Ettershank

Question asked:

What is the impact of the VRC floodwall in the context of the projected new 1% flood event? Please provide similar scope of analysis to that used in both Melbourne Water's analysis of the 2022 flood as well as issues raised by the Review Panel (eg can Melbourne Water advise the depth of additional flooding caused by the Flemington floodwall from Maribyrnong Township to Footscray Road?).

Response:

In early May we provided the Independent Panel's final review of the impact of the Flemington racecourse floodwall on the October 2022 flood event. We're now providing a further assessment of the projected impact of the Flemington racecourse floodwall in the new 2024 and 2100 flood scenarios.

The new assessment finds that under the projected 2024 scenario – which maps a flood event with a one per cent chance of occurring in any given year – the average impact in the Maribyrnong township is 3.8 cms of extra depth in a flood that is 130 centimetres deep.

The analysis also finds that in Kensington Banks there is no added depth due to impact of the Wall – and in fact the wall has the effect of reducing the estimated flood depth by 5.1 cms.

Note the projected 2024 flood event with a one per cent chance of occurring is more significant than the Maribyrnong River flood of 2022.

The report finds in the 2100 scenario there is little or no impact from the flood Wall on Maribyrnong township or Kensington Banks as water overtops the flood wall.

8. David Ettershank

Question asked:

Regarding Rivervue Retirement Village: (a) Can Melbourne Water advise what the new 2024 1% AEP flood levels are to m AHD upstream of Canning Street, Avondale Heights for 500 metres to the upstream extent of the Rivervue Retirement Village?

Response:

8 (a) A map covering the location upstream of Canning Street with flood level contours in m AHD is provided at Attachment B2.