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## CITY OF CANTERBURY BANKSTOWN

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To: Pradeep Chakraborty  
3/70 Dutton St  
BANKSTOWN NSW 2200

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### STORMWATER SYSTEM REPORT 10 Braesmere Road, PANANIA NSW 2213

Date: 06-May-2022  
Ref: WP-SIA-972/2022  
Development type: **Detached Dwelling**

NO	FLOOD/OVERLAND FLOW STUDY REQUIRED
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The site is not affected by the Council stormwater system components.

The site will be subject to stormwater inundation from this overland flowpath during large storm events. Refer to the attached "**100 Year ARI Flood Extent and PMF Maps from Kelso Swamp Catchment Study**" showing the flood contours to m AHD\*\*. Provision should be made on site, and at boundary fences, for this stormwater runoff to pass unobstructed over the site. Stormwater flowing naturally onto the site must not be impeded or diverted.

**The estimated 100 year ARI\* flood level at the site is RL 13.5 m AHD\*\***

For this development, a flood /overland flow study to determine the 100 year ARI\* water surface level is not necessary.

**The Development Application submission shall be based on an AHD datum for levels where sites are affected by overland flow / flooding. Refer Bankstown Council's *Development Engineering Standards*\*\*\*.**

**The proposed development including floor levels, shall comply with the development controls specified in Part B125 Schedule 5, of Bankstown's Development Control Plan 2015 - Catchments Affected by Stormwater Flooding.**

**Habitable floor levels are to be at least 500mm above the 100 year ARI\* flood level at the site.**

Runoff from the dwelling is to be disposed of to Council's requirements detailed in Bankstown Council's *Development Engineering Standards*\*\*\*.

This report relates to the exposure of the subject site to stormwater overland flow only. It does not assess the suitability or otherwise of this site for the proposed development.

\* Average Recurrence Interval

\*\* Australian Height Datum

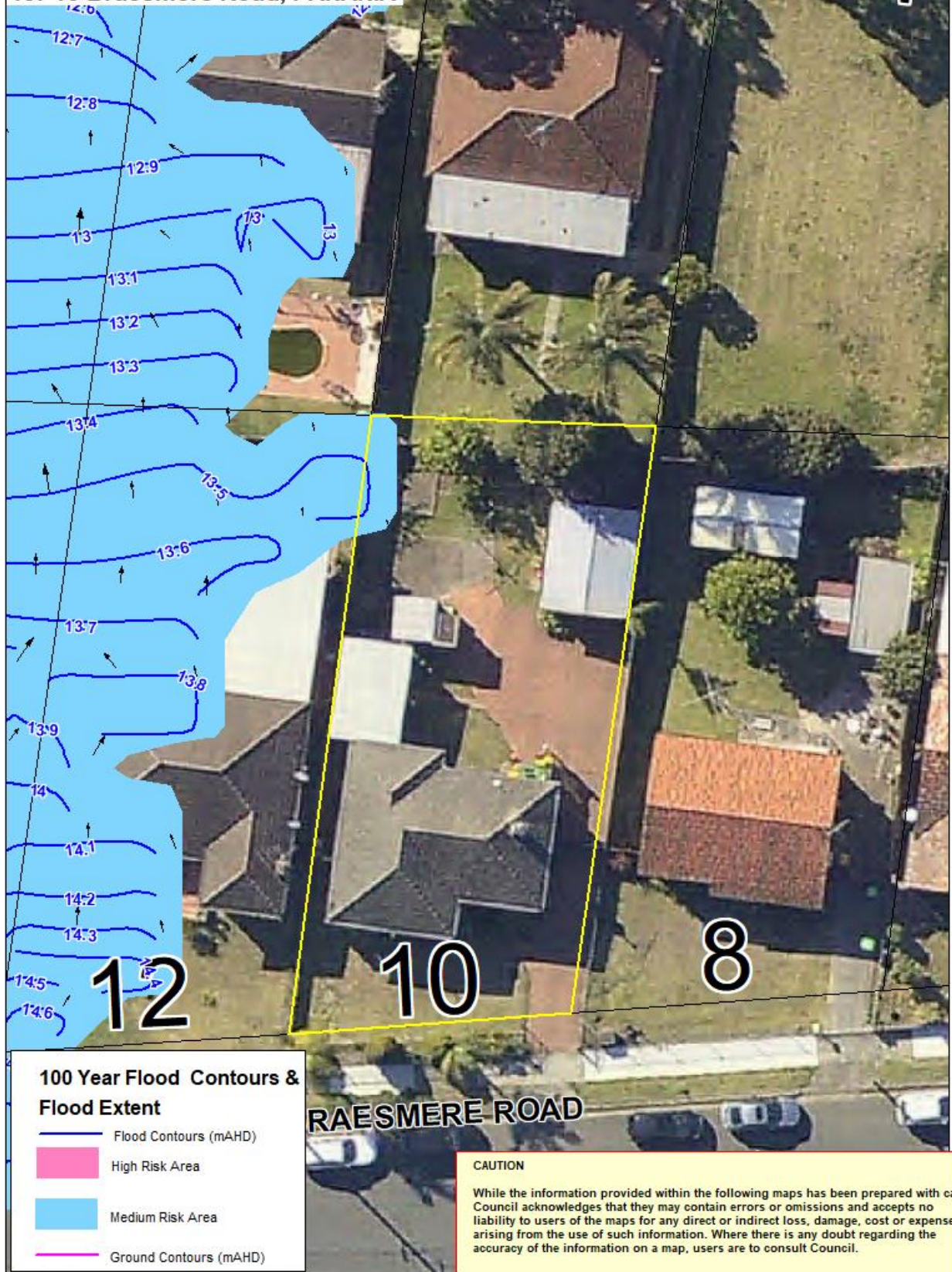
\*\*\* Bankstown Council's *Development Engineering Standards* and *Bankstown's Development Control Plan 2015* is available from Council's Customer Service Centre.

*PMF Probable Maximum Flood*

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**Jayanta Saha**  
**Infrastructure Services Officer**

**100 Year ARI Flood Extent and Flood Contour Levels  
(mAHD) from Kelso Swamp Catchment  
for 10 Braesmere Road, PANANIA**



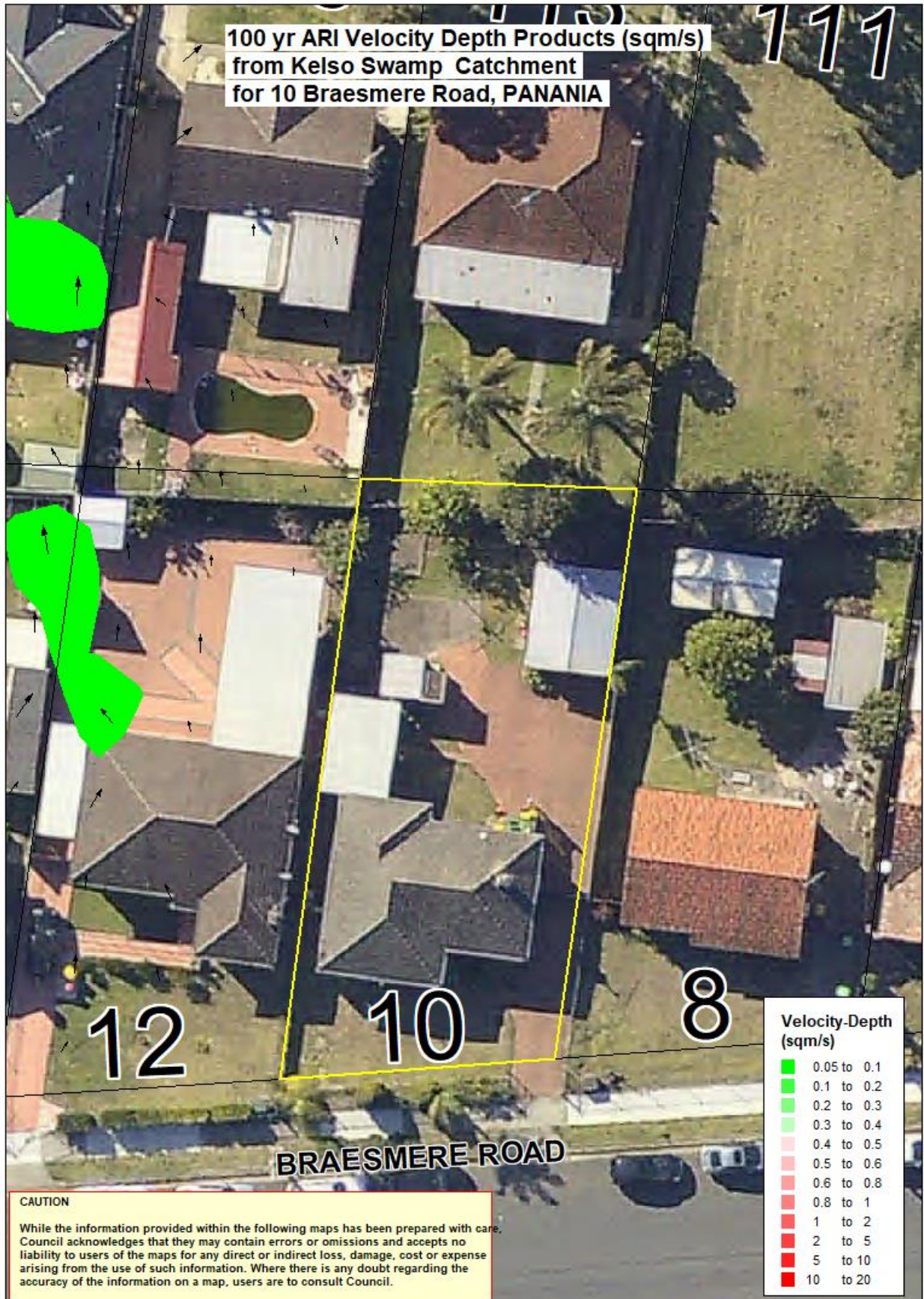


**100 yr ARI Flood Depth (m) and Flood Contour Levels (mAHD) from Kelso Swamp Catchment for 10 Braesmere Road, PANANIA**

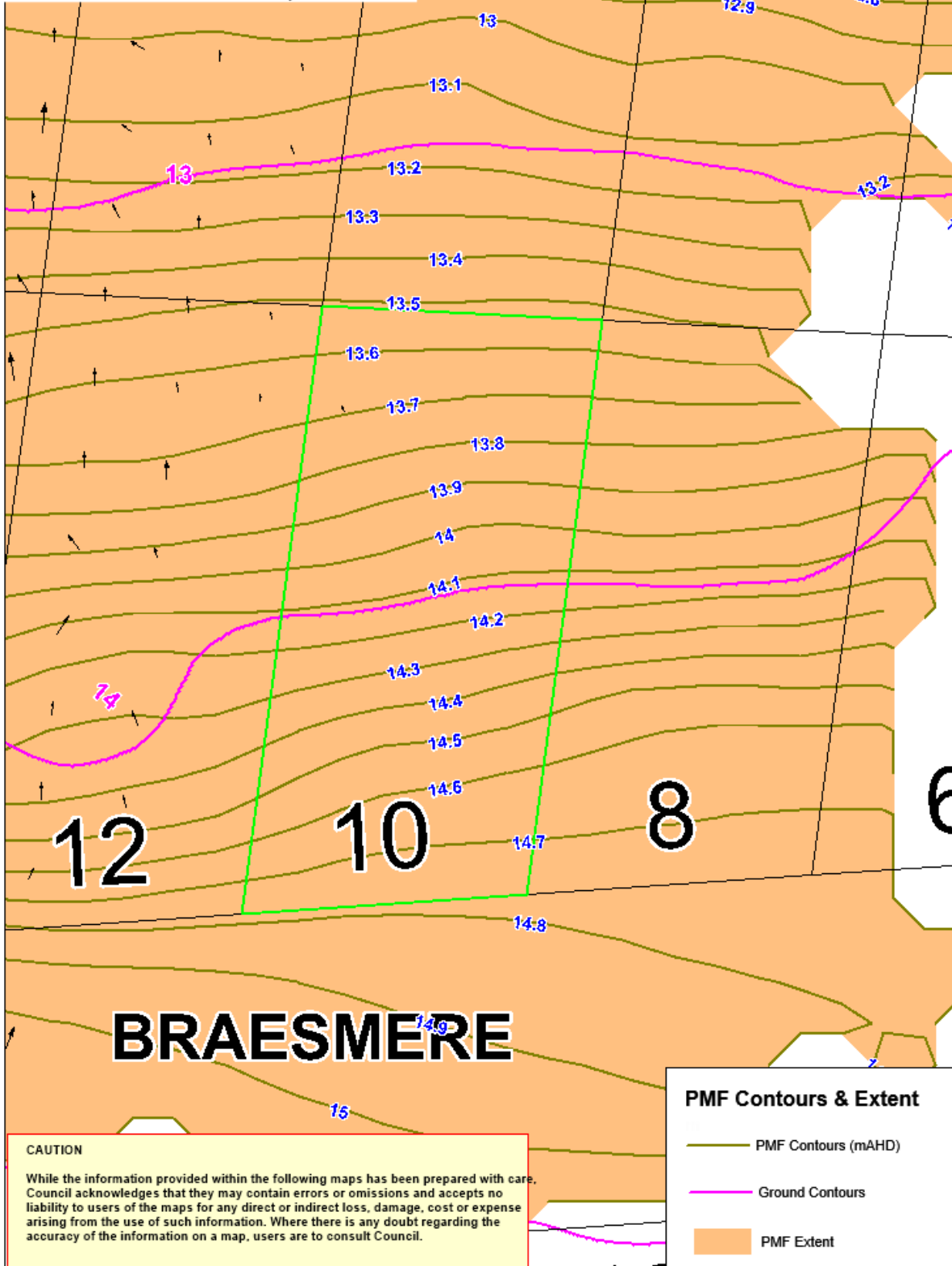




**100 yr ARI Velocity Depth Products (sqm/s)  
from Kelso Swamp Catchment  
for 10 Braesmere Road, PANANIA**



**PMF Extent and Contour Levels (mAHD)  
from Kelso Swamp Catchment  
for 10 Braesmere Road, PANANIA**
































# Legend

	Suburb
	Sydney Water
	Stormwater Drains MD
	Stormwater Pits MD
	Contour Major 5m
	Contour Intermediate 2.5m
	Contour Minor 0.5m
	_25cm Contour Interval (Major)
	_25cm Contour Interval (Basic)
	_25cm Contour Interval (Minor)
	Parcel
	Parcel Associate
	Parcel Vinculum
	Jetty
	Easements
	Road Boundaries
	Aerial Photo 14052019
	Road Names
	Airport Internal Road
	Water Boundary
	Airport Taxiway