



Minutes of Wollondilly Floodplain Risk Management Committee

Monday 20 May 2019 at 2:00pm
View Room, Wollondilly Shire Council Library

The meeting was chaired by Mike Nelson, Wollondilly Shire Council and declared open at 2:07pm.

| | Item | 7 Tasks /Action/Officer |
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| 1 | Acknowledgement of Country | |
| | Acknowledgement of Country was undertaken by Mike Nelson | |
| 2 | Disclosure of Interest | |
| | No declarations of interest were made | |
| 3 | Attendance and Apologies | |
| | <p>Attendance:</p> <p>Norman Dent – Community Member Geoff O'Brien – Community Member Kaustubh Chaubal - Community Member Trent Noonan - Community Member Chris Hughes – Community Member Erin Askew – WMAwater Catherine Goonan WMAwater Wafaa Wasif – OEH Mike Nelson - Wollondilly Shire Council Alex Stengl Wollondilly Shire Council Ian Berthon – Wollondilly Shire Council Bruce Davenport - Wollondilly Shire Council Peter Wright – Wollondilly Shire Council Mark Ruddiman - Wollondilly Shire Council</p> <p>Apologies</p> <p>Clr Matthew Deeth Wollondilly Shire Council Clr Robert Khan Wollondilly Shire Council Leonie Gray - Community Member Michael Silm – Community Member Roger Palmer – Community Member Jack Wilton – Community Member Toni Averay Wollondilly Shire Council Carolyn Whitten - Wollondilly Shire Council Damion Stirling – Wollondilly Shire Council Ngaire McCarthy – SES Valerie Couch SES</p> | |

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| 4 | Previous Minutes | |
| | No issues from the previous minutes of 26 November 2018 were declared. | |
| 5 | Stonequarry Creek – Floodplain Risk Management Study a. Finalisation of Revised Flood Modelling | |
| | <p>Catherine Goonan presented to the Committee on the revised flood modelling section of the recently completed Stage 1 progress report, including:</p> <ul style="list-style-type: none"> a) The latest design flow rates and how they compare to previous estimates a) What the latest flow rates means for flood levels - generally the 1% AEP levels are up to 0.3m lower than the previous 1% AEP (Advisian) levels in the CBD. b) The Picton Hotel was used for a graphic representation of various flood levels including the June 2016 event and 1989 DWR results. c) The confidence in the new design flow rates is based on using current industry best practice; an extended flood frequency analysis using details recorded in historical newspapers; rainfall history since 1880 (at Picton Council Depot); rainfall runoff trends and the ability of the model to reasonably reproduce the June 2016 behaviour. d) A new estimate for the size of the 2016 flood in terms of flood frequency – Likely to be a 1 in 200 to a 1 in 500 year ARI. <p>The Committee discussed the options for the way forward with this new information and decided that it should be made publicly available as a draft “flood study update”. The formal exhibition will then take place with the further elements of the Floodplain Risk Management Study that will include decisions around adoption of appropriate flood planning levels.</p> | <p>Presentation will be made available in the Committee cloud link</p> <p>(a) Committee to review the Report and provide comments and/or corrections to Ian Berthon within 2 weeks (Monday 3 June). (b) Following feedback, WMAwater to finalise report as a “Flood Study Update”. (c) Council to publish the report on the web site.</p> |
| | b. Flood Modification Options | |
| | <p>Catherine Goonan presented to the Committee on their progress with the preliminary assessment of flood modification mitigation options now that the design flood results have been locked in. Options modelled include:</p> <ul style="list-style-type: none"> a) Picton Sportsground Retarding Basin b) Hume Oval Retarding Basin c) Racecourse Creek Basins d) South Picton Contour Bank (for overland flows) e) Picton CBD Levee – Option 1 f) Picton CBD Levee – Option 2 g) Stonequarry Creek Channel Modification h) Menangle St Culvert Upgrade (for overland flows) <p>The Committee discussed the options and the following items were raised</p> <ul style="list-style-type: none"> a) The impact of large debris (shipping container) at the viaduct b) Options to enlarge the capacity at or downstream of the viaduct c) Options to limit inflows to Stonequarry Creek from various tributaries | <p>Presentation will be made available in the Committee cloud link</p> |

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| 6 | Other Flood Studies on the Horizon - Council | |
| | a. Wollondilly Shire Wide Flood Study | |
| | <p>Ian Berthon gave a brief outline of the next study to be undertaken by Council.</p> <p>The study will provide a broad brush flood study for the rest of the shire and then focus on selected areas where it is considered appropriate to refine the information.</p> | |
| | b. Hawkesbury-Nepean Valley Regional Flood Study | |
| | <p>Ian Berthon made the Committee aware of another study that has been completed at State level for the Hawkesbury-Nepean Valley as part of the Hawkesbury-Nepean Valley Flood Risk Management Strategy.</p> <p>This includes a small part of the Nepean River in Wollondilly Shire.</p> <p>The same strategy recommends raising the Warragamba Dam wall for flood mitigation.</p> | |
| 8 | General Business | |
| | The Committee engaged in a general discussion. | |
| 9 | Workplace Health and Safety | |
| | No workplace health and safety issues were raised | |

There being no further business to discuss, the meeting was declared closed at 4.15pm.

Next Meeting Date: to be confirmed – anticipated to be late August/September 2019.