AGENDA AND BUSINESS PAPER

Floodplain Risk Management Advisory Committee

To be held on
TUESDAY
5 FEBRUARY 2019
AT 8.30AM

Cnr Baylis and Morrow Streets,
Wagga Wagga NSW 2650
PO Box 20, Wagga Wagga

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FLOODPLAIN RISK MANAGEMENT ADVISORY COMMITTEE  
AGENDA AND BUSINESS PAPER  

TUESDAY 5 FEBRUARY 2019  

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ACKNOWLEDGEMENT OF COUNTRY

APOLOGIES

CONFIRMATION OF MINUTES

CM-1 MEETING MINUTES - 11 DECEMBER 2018

Recommendation

That the Minutes of the proceedings of the Floodplain Risk Management Advisory Committee Meeting held on 11 December 2018 be confirmed as a true and accurate record.

Attachments

1. Meeting Minutes - 11 December 2018

DECLARATIONS OF INTEREST
REPORTS FROM STAFF

RP-1 PROJECT UPDATES

Director: Caroline Angel

Analysis: This report is to provide an update on the following projects:
- Wagga Wagga Major Overland Flow Flood (MOFF) Risk Management Study and Plan
- Main City and North Wagga Levee Construction – Stage 1
- Wagga Wagga Revised Floodplain Risk Management Study and Plan
- Wagga Wagga Villages Floodplain Risk Management Study and Plan

Recommendation

That the Committee:

a. receive and note the report
b. endorse the inclusion of the additional recommendation for the Wagga Wagga Floodplain Risk Management Study and Plan, made at the 26 March 2018 Council meeting, as detailed in the body of this report

Report

**Project 1753 - Wagga Wagga Major Overland Flow Flood (MOFF) Risk Management Study and Plan**

Report 1 – Data Collection & Model Review Report and Report 2 – Flood Damages Assessment Report have been provided to Council staff and Floodplain Committee members, for review and comment. WMAwater will be attending the Floodplain Risk Management Advisory Committee (FRMAC) meeting on 5 February 2019 to discuss the contents with the Committee.

**Project 1793 – Main City and North Wagga Levee**

Wagga Wagga’s Main City Levee project reaches another milestone this month as Stage 1 nears completion and preparations for the Stage 2 upgrade mobilisation commences.

The upgrade of the remaining 6km of levee bank between Gobbagombalin Bridge and Hammond Avenue is the second part of the lengthy and complex project. The aim is to provide 1 in 100-year flood protection to the city for the first time.

Stage 2 work involves the extension and reinforcement of existing concrete retaining walls and installation of capped sheet piles. Preparation work is underway in the lead up to construction work starting on the first section between Wiradjuri Bridge and Johnston Street.
The Wiradjuri Walking Track will be completely closed for several months in this section from 7 January 2019.

Residents and business operators affected by the works, or anyone interested in the Stage 2 levee project, are invited to attend community information sessions to be held on 11 and 12 December.

Council staff are working with the contractors to minimise disruptions as much as possible and thank residents and businesses for their cooperation throughout these works.

Riverina-based firm Murray Constructions was endorsed as the successful tenderer for the multi-million dollar project at the 29 October 2018 Council meeting.

The Stage 2 upgrade is scheduled to take approximately 14 months, weather dependant.

**Project 2000 – Wagga Wagga Revised Floodplain Risk Management Study and Plan**

Council at its Ordinary Meeting on 26 March 2018 adopted the Wagga Wagga Revised Floodplain Risk Management Study and Plan (FRMS&P) that included a list of flood mitigation measures that were recommended by the FRMAC.

In addition, Council also resolved to undertake a feasibility study of the combined Options PR1 & L4B as per the following:

\[ g \text{ make application under the NSW Government’s Floodplain Management Program to undertake a North Wagga Flood Mitigation Options Feasibility Study} \]

\[ h \text{ in relation to (g) above and in addition to the report recommendation, undertake feasibility studies of flood mitigation strategies including Option L4b and PR1 combined} \]

Consequently, the Wagga Wagga Revised Floodplain Risk Management Study and Plan will need to be updated with the inclusion of an addendum to accommodate this further recommendation.

**Updates to FRMS&P Mitigation Measures**

**Options PR1 & L4B**

**PR1:** Undertake a feasibility study to investigate a Voluntary House Raising & Voluntary House Purchase Scheme in Wagga Wagga Study Area, in conjunction with, North Wagga Levee Upgrade to 5% AEP level of protection WITH an equivalent upgrade to Hampden Avenue (as embankment) and conveyance improvements through Wilks Park.

**L4B:** Undertake a feasibility study to investigate North Wagga Levee Upgrade to 5% AEP level of protection WITH an equivalent upgrade to Hampden Avenue (as embankment) and conveyance improvements through Wilks Park, in conjunction with, Voluntary House Raising & Voluntary House Purchase Scheme in Wagga Wagga Study Area.
Council has received grant funding from OEH to undertake the feasibility study of these two options.

**RE1: Improve Flood Warning System**
Council has commenced discussions with NSW SES in view of exploring funding and collaboration opportunities.

**R2: Improved Access to Gumly Gumly**
Council has commenced discussion with RMS in regard to the possibility of RMS undertaking this work.

**PL1 – PL10: Floodplain Risk Management Planning Measures**

PL1: Move Flood Planning Area mapping into the Wagga Wagga DCP, whilst retaining the definition of the Flood Planning Area and Flood Planning Level in the LEP
PL2: Reformat DCP to Matrix style document
PL3: Add clause to LEP to control critical facilities and vulnerable land uses between the FPA and PMF extent
PL4: Requirement of Site Specific Flood Emergency Plans
PL5: Flood Risk Info on s149 Planning Certificates
PL6: Controls to set Minimum Flood Levels
PL7: Controls to set Minimum Flood Proofing Levels
PL8: Controls to ensure appropriate building design and materials
PL9: Controls to Manage Offsite Impacts: Flood Impact Assessment
PL10: Appropriate Dwelling Design

Council has engaged City Plan to review and amend the flood controls in Council’s Development Control Plan (DCP).

**Project 18640 – Wagga Wagga Villages Floodplain Risk Management Study and Plan**

Council has commenced the initial community consultation period. The objective of this community consultation period is to gather as much information of flooding to better understand how flooding occurs in the Villages and what measures may improve the current flood situation.

An information pack that contains a letter, newsletter and a questionnaire has been mailed out to the residents within the study area. An online questionnaire is also available and submissions are open until 1 March 2019.

**Project 19555 – Flood Mitigation Option Feasibility Study for North Wagga & Floodplain Residents**

Council staff, in conjunction with OEH, are working on the development of the scope and brief for this project. Given the nature of the options to be investigated, that being the following, finer detail need to be considered to enable the alignment of the options.

*Undertake a feasibility study to investigate a Voluntary House Raising & Voluntary House Purchase Scheme in Wagga Wagga Study Area, in conjunction with, North...*
Wagga Levee Upgrade to 5% AEP level of protection WITH an equivalent upgrade to Hampden Avenue (as embankment) and conveyance improvements through Wilks Park.

A list of key points will be provided at the 5 February 2019 meeting for discussion with Committee.

Financial Implications

The total project budgets, expenditure and commitments to date are as follows:

<table>
<thead>
<tr>
<th>Project name</th>
<th>Total Project Budget</th>
<th>Expended + Committed as at 7 December 2018</th>
<th>Budget Remaining</th>
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<tbody>
<tr>
<td>Wagga Wagga Major Overland Flow Flood (MOFF) Risk Management Study and Plan</td>
<td>$220,001</td>
<td>$213,933</td>
<td>$6,068</td>
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<tr>
<td>FM-0099 - (17826)</td>
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<tr>
<td>Main City and North Wagga Levee Construction – Stage 1</td>
<td>$3,622,026</td>
<td>$3,512,109</td>
<td>$109,917</td>
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<td>(17843)</td>
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<tr>
<td>Wagga Wagga Villages Floodplain Risk Management Study and Plan</td>
<td>$198,000</td>
<td>$139,599</td>
<td>$58,401</td>
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<tr>
<td>FM-115 - (18640)</td>
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Policy and Legislation

The outcomes from the various studies will be very important in the terms of future amendments to the Council Local Environmental Plan and its Development Control Plan.

Link to Strategic Plan

Community Leadership and Collaboration
Objective: We are active community members
Outcome: We recognise we all have a role to play

Risk Management Issues for Council

There is a risk that the cost to carry out these projects could be more than was originally estimated. Therefore, Council would need additional funds to complete the works. However, some contingency was built into all of the estimates to reduce this risk.
Internal / External Consultation

The Office of Environment and Heritage have been heavily consulted throughout the process of planning and executing these projects.

NSW Emergency Management is the responsible funding body and receives quarterly status update reports.

NSW State Emergency Services and Bureau of Meteorology are consulted when required.

Each of these projects is managed using a project steering group made up of members from different areas of Council as per Councils project management methodology.

Council officers in various directorates are members of the project steering committees for each project.
QUESTIONS WITH NOTICE
Reports submitted to the Floodplain Risk Management Advisory Committee to be held on Tuesday 5 February 2019.

MINUTES of the FLOODPLAIN RISK MANAGEMENT ADVISORY COMMITTEE held on Tuesday 11 December 2018.

PRESENT

Cr Vanessa Keenan
Cr Rod Kendall
Cr Tim Koschel
Jenny Rolfe
Patricia Murray
Ros Prangnell
Brian Mahony

Wagga Wagga City Council
Wagga Wagga City Council
Wagga Wagga City Council
Community Member
Community Member
Community Member

IN ATTENDANCE

Steve Manwaring
Janice Summerhayes
Shauna Siregar
Kate Roberts
Darryl Woods
Peter Ross
Logan Robinson
Marie Ingram

Office of Environment and Heritage
Director Community
Engineer - Water & Waste Assets
Project Communications Officer
Senior Project Manager
Manager Technical and Strategy
Cadet Engineer
Administration Coordinator (Minute Taker)

The meeting of the Floodplain Risk Management Advisory Committee commenced at 8.35am.

APOLOGIES

Peter Thompson
Caroline Angel
Meredith McIntyre
Sam Robins
Adrian Stander
Craig Ronan

General Manager
Director Commercial Operations
Department of Planning NSW
Town Planner
Strategic Planning Coordinator
State Emergency Service (SES)
MINUTES of the FLOODPLAIN RISK MANAGEMENT ADVISORY COMMITTEE held on Tuesday 11 December 2018.

ACKNOWLEDGEMENT OF COUNTRY

I would like to Acknowledge the Traditional Custodians of this Land, on which this meeting takes place and to pay my respects to Elders past and present.

CONFIRMATION OF MINUTES

CM-1 MEETING MINUTES - 30 OCTOBER 2018

Recommendation:
On the Motion of Councillor R Kendall and P Murray

That the Minutes of the proceedings of the Floodplain Risk Management Advisory Committee Meeting held on 30 October 2018 be confirmed as a true and accurate record.

CARRIED

DECLARATIONS OF INTEREST

No Declarations of Interest received

REPORTS FROM STAFF

RP-1 FLOODPLAIN RISK MANAGEMENT ADVISORY COMMITTEE - 2019 MEETING SCHEDULE

Recommendation:
On the Motion of Councillor R Kendall and B Mahoney

That the Committee adopt the 2019 meeting schedule of the Floodplain Risk Management Advisory Committee.

CARRIED
MINUTES of the FLOODPLAIN RISK MANAGEMENT ADVISORY COMMITTEE held on Tuesday 11 December 2018.

RP-2    PROJECT UPDATES

Recommendation:
On the Motion of Councillor T Koschel and R Prangnell

That the Committee receive and note the report.

CARRIED

Items Discussed

Project 1753 - Wagga Wagga Major Overland Flow Flood (MOFF) Risk Management Study and Plan

The committee agreed to an additional meeting to be held on 29 January 2019 to enable WMAwater to present new data in respect to the modelling relating to the Study and Plan, prior to a report being included in the agenda for the meeting on 5 February 2019.

Project 1793 – Main City and North Wagga Levee

Issues with carparking and impacted business are being work through by staff. Stage two to commence 7 January 2019 with the first section to take approximately 3 months to complete. Cadell Place will remain open except for when concrete is being poured.

Stage 1 is nearing completion. Contractors, Burgess Earthmoving, have done a great job.

Cr Keenan – Has the fencing issues been resolved?

D Wood – It is intended that trial fencing be installed.

Cr Kendall – Is the shared path, that was closed as part of the Flowerdale Stage 1 works going to be opened again to the public or is it to remain closed permanently?

D Woods – The path has been reopened. The fence has been moved to allow for where the bike path is to go. The erection of the final fence from Hutcheon and Pearce to the drain will commence next week and should be completed by Christmas. A granite path has been constructed.

Cr Kendall – When will the Kooringal Rd fence be finished and subsequently opened to the public?

D Woods – Won’t be opened to the public until the second week in January. The intention is to get the fence up first and then seek Councillor’s thoughts on the fencing style.

Cr Keenan – What will the community information sessions planned for tonight and tomorrow cover?
Reports submitted to the Floodplain Risk Management Advisory Committee to be held on Tuesday 5 February 2019.

MINUTES of the FLOODPLAIN RISK MANAGEMENT ADVISORY COMMITTEE held on Tuesday 11 December 2018.

D Woods – Construction methods of the first section of Stage 2. Will be targeting local business where access will be restricted and how Council staff and the businesses can work together to address any issues. Staff have talked to all land holders previously with attention being given to suggestions such as screenings being included in the tender specifications.

Cr Kendall – When notifying the residents of the upcoming information sessions, were letters sent to be the owner and the occupants of the impacted properties

K Roberts – Both

Project 2000 – Wagga Wagga Revised Floodplain Risk Management Study and Plan

Cr Keenan – Good news that Council has secured funding for the Feasibility Study for North Wagga

S Siregar – It is intended that Council staff and the Committee will work together to develop the brief for the tender.

Cr Keenan – What are the timelines for the Study – 12 months?

S Siregar – At least

P Ross – Likely 18 months from the release of the Tender.

S Manwarring – Now that the funding has been approved, the Grants unit are working to get the funding agreement to Council before Christmas for acceptance by Council.

Cr Keenan – A Resolution by Council to accept the funding will not occur until the first Council meeting on 29 January 2019.

S Manwarring – Despite this, Council staff can still be working in the background on the Tender specifications.

Project 18640 – Wagga Wagga Villages Floodplain Risk Management Study and Plan

S Siregar – All modelling data has been provided to GRC Hydro. Currently staff are working on the community consultation materials with draft documents to be distributed to the Committee for review and feedback. Community meetings planned to be held in early 2019.

Cr Keenan – Additionally the Committee needs to source community contacts from Ladysmith and Tarcutta.

S Siregar – Staff will be utilising village Progress Associations and other community groups to assist with engaging the members of the village communities.

B Mahoney – Is it possible to get different committees in the villages involved to make the process more successful? Are the sub committees going to be formed that were discussed in previous Floodplain Committee meetings?
MINUTES of the FLOODPLAIN RISK MANAGEMENT ADVISORY COMMITTEE held on Tuesday 11 December 2018.

Cr Keenan – Yes, the sub committees will be set up.

QUESTIONS WITH NOTICE

No Questions With Notice were received.

The Floodplain Risk Management Advisory Committee rose at 8.55am.