



Attachment 9 to Item 3.1.1.

Floodplain Management Sub Committee
Business Papers 18 October 2023

Date of meeting: 26 March 2024
Location: Council Chambers
Time: 4:00pm



Floodplain Management Sub-Committee

Date of meeting: 18 October 2023
Location: Council Administration Building
Time: 3:00 PM

BUSINESS PAPER

FLOODPLAIN SUB-COMMITTEE

Table of Contents

Meeting Date: 18 October 2023

Table of Contents

1. AGENDA..... 4

 1.1. Welcome 4

 1.2. Apologies 4

 1.3. Declaration of Interests 4

2. CONFIRMATION OF MINUTES..... 5

3. REPORTS FOR DETERMINATION 13

 3.1.1. FPSC - Floodplain Risk Management Project Updates - (161821, 124414, 95498) 13

 3.1.2. FPSC - Presentation - Review Hawkesbury FRMS&P - Potential Management Options -
 (161821, 124414, 95498) 17

4. GENERAL BUSINESS 18

FLOODPLAIN SUB-COMMITTEE

1. AGENDA

Meeting Date: 18 October 2023

1. AGENDA

1.1. Welcome

1.2. Apologies

1.3. Declaration of Interests

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 18 October 2023

2. CONFIRMATION OF MINUTES

FLOODPLAIN MANAGEMENT SUB-COMMITTEE

Minutes: 27 September 2023

1. AGENDA

Welcome

Minutes of the Meeting of the Floodplain Sub-Committee held in the Large Committee Room, Windsor, on Wednesday, 27 September 2023 commencing at 3:00pm.

ATTENDANCE

Present: Councillor Amanda Kotlash, Hawkesbury City Council – (Deputy Chairperson)
Mr Christopher Bell, Community Representative
Mr Wayne Mitchell, Community Representative
Mr Lewis Adey, Macdonald Valley Association - (Audio-Visual Link)
Mr Lawrence Rose, Community Representative
Mr Murray West, Community Representative
Mr Troy Myers, Community Representative
Mr Harry Panagopoulos, Department of Planning & Environment – (Audio-Visual Link)
Dr Stephen Yeo, Reconstruction Authority – (Audio-Visual Link)

Apologies: Councillor Les Sheather, Hawkesbury City Council – (Chairperson)
Mr Andrew North, Community Representative
Mr Kevin Jones, State Emergency Services

In Attendance: Mr Andrew Kearns, Hawkesbury City Council
Ms Colleen Haron, Hawkesbury City Council
Mr Phillip Bow, Hawkesbury City Council

Member	26/7/2023	23/08/2023	27/09/2023
Mr Andrew North	A	✓	A
Mr Christopher Bell	A	✓	✓
Mr Wayne Mitchell	✓	✓	✓
Mr Lewis Adey	✓	A	✓
Mr Harry Panagopoulos	A	✓	✓
Mr Kevin Jones	✓	✓	A
Mr Stephen Yeo	A	✓	✓
Councillor Amanda Kotlash	✓	✓	✓
Councillor Les Sheather	✓	✓	A
Mr Lawrence Rose	✓	✓	✓
Mr Murray West	✓	A	✓
Mr Troy Myers	✓	✓	✓

Key: A = Formal Apology ✓= Present X = Absent - no apology

Apologies

Apologies from Councillor Les Sheather, Mr Kevin Jones and Mr Andrew North were noted.

RESOLVED on the motion of Mr Murray West seconded by Mr Troy Myers.

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 18 October 2023

FLOODPLAIN MANAGEMENT SUB-COMMITTEE

Minutes: 27 September 2023

Declaration of Interests

Mr Lawrence Rose declared a less than significant non pecuniary interest as an owner of property on the floodplain.

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 18 October 2023

FLOODPLAIN MANAGEMENT SUB-COMMITTEE

Minutes: 27 September 2023

2. CONFIRMATION OF MINUTES

The Committee resolved on the Motion of Mr Lawrence Rose, seconded by Mr Wayne Mitchell, that the Minutes from the previous meeting held on Wednesday, 23 August 2023 be confirmed.

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 18 October 2023

FLOODPLAIN MANAGEMENT SUB-COMMITTEE

Minutes: 27 September 2023

3. REPORTS FOR DETERMINATION

3.1.1 FPSC - Floodplain Management Project Updates - (161821, 124414, 95498)

Previous Item: 3.1.1, Floodplain Management Sub-Committee (23 August 2023)

Directorate: City Planning

OFFICER'S RECOMMENDATION:

That the Floodplain Management Sub Committee receive the update on the status of Council's Floodplain Risk Management Projects.

COMMITTEE RECOMMENDATION:

RESOLVED on the motion of Mr Wayne Mitchell and seconded by Mr Murray West.

That the Floodplain Management Sub Committee receive the update on the status of Council's Floodplain Risk Management Projects.

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 18 October 2023

FLOODPLAIN MANAGEMENT SUB-COMMITTEE

Minutes: 27 September 2023

3.1.2 FPSC - Presentation - Resilience and Emergency Management - (161821, 124414, 95498)

Directorate: City Planning

OFFICER'S RECOMMENDATION:

That the Floodplain Management Sub Committee receive the presentation by Council's Resilience and Emergency Management Co-ordinator on the recent upgrades to the Disaster and Emergency Dashboard.

COMMITTEE RECOMMENDATION:

RESOLVED on the motion of Mr Troy Myers and seconded by Mr Christopher Bell.

That the Floodplain Management Sub Committee receive the presentation by Council's Resilience and Emergency Management Co-ordinator on the recent upgrades to the Disaster and Emergency Dashboard.

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 18 October 2023

FLOODPLAIN MANAGEMENT SUB-COMMITTEE

Minutes: 27 September 2023

3.1.3 FPSC - Combined Rivers Community Engagement Outcomes - (161821, 124414, 95498)

Previous Item: 3.1.4, Floodplain Management Sub-Committee (28 June 2023)

Directorate: City Planning

OFFICER'S RECOMMENDATION:

That the Floodplain Management Sub Committee note:

1. The outcomes of the community engagement undertaken to gather local information and experiences about recent or historical floods, and seeking suggestions related to flooding in the Macdonald River, Colo River, Webbs Creeks and Greens Creek.
2. The information has been referred to the consultants for the Project to be used in the preparation of the Macdonald River, Colo River, Webbs Creeks and Greens Creek Flood Study and Floodplain Risk Management Study and Plan.

COMMITTEE RECOMMENDATION:

RESOLVED on the motion of Mr Christopher Bell and seconded by Mr Troy Myers.

That the Floodplain Management Sub Committee note:

1. The outcomes of the community engagement undertaken to gather local information and experiences about recent or historical floods, and seeking suggestions related to flooding in the Macdonald River, Colo River, Webbs Creeks and Greens Creek.
2. The information has been referred to the consultants for the Project to be used in the preparation of the Macdonald River, Colo River, Webbs Creeks and Greens Creek Flood Study and Floodplain Risk Management Study and Plan.

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 18 October 2023

FLOODPLAIN MANAGEMENT SUB-COMMITTEE

Minutes: 27 September 2023

3.1.4 FPSC - Review of Hawkesbury Floodplain Risk Management Plan 2012 - Management Options - (161821, 124414, 95498)

Previous Item: 3.1.2, Floodplain Management Sub-Committee (23 August 2023)

Directorate: City Planning

OFFICER'S RECOMMENDATION:

That the management options identified in this report be referred to the consultants for consideration in the review and update of the Hawkesbury Floodplain Risk Management Study and Plan.

COMMITTEE RECOMMENDATION:

RESOLVED on the motion of Mr Lawrence Rose and seconded by Mr Troy Myers.

That the management options identified in this report be referred to the consultants for consideration in the review and update of the Hawkesbury Floodplain Risk Management Study and Plan, with the following amendments/additions:

- a) Only matters that result in the reduction of flood impacts on the community should be included for consideration as potential management options in accordance with the purpose of the NSW Flood Policy and supporting Manual.
- b) Point 6 (Improvements to the power supply, including high level crossings, under water cabling, or being provided from the west (Lithgow)) to include the protection (e.g. bunding) of substations and business continuity planning.
- c) Point 7 (Improvements to telecommunications towers, including generators on remote towers, access to and servicing of these towers during floods) to include business continuity planning, and to advocate for changes to State Environmental Planning Policy (Transport and Infrastructure) 2021, to consider controls that ensure service continuity for the installation of telecommunication towers on flood liable land under this Policy.
- d) Assessment of all flood evacuation routes be considered, noting Transport for NSW's Road Resilience program.

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 18 October 2023

FLOODPLAIN MANAGEMENT SUB-COMMITTEE

Minutes: 27 September 2023

4. GENERAL BUSINESS

There was no general business discussed.

The next Floodplain Management Sub Committee meeting is proposed to be held on Wednesday, 18 October 2023 at 3:00pm.

The meeting terminated at 5:07pm.

FLOODPLAIN SUB-COMMITTEE

3. REPORTS FOR DETERMINATION

Meeting Date: 18 October 2023

3. REPORTS FOR DETERMINATION

3.1.1. FPSC - Floodplain Risk Management Project Updates - (161821, 124414, 95498)

Previous Item: 3.1.1, Floodplain Management Sub-Committee (27 September 2023)

Directorate: City Planning

PURPOSE OF THE REPORT

The purpose of this report is to provide updates in respect of the status of Council's various Floodplain Risk Management Projects.

OFFICER'S RECOMMENDATION

That the Floodplain Management Sub Committee receive the updates on the status of Council's Floodplain Risk Management Projects.

BACKGROUND

Currently, Council has three grant funded Floodplain Risk Management projects that are underway, including:

1. Review of Hawkesbury Floodplain Risk Management Study and Plan 2012

This project is to undertake a review of the Hawkesbury Floodplain Risk Management Study and Plan 2012 considering the release of the Regional Flood Study for the Hawkesbury Nepean Valley by Infrastructure NSW, and to update management options as required.

2. Combined Macdonald River, Colo River, Webbs Creek and Greens Creek Flood Study and Floodplain Risk Management Study and Plan

This project is to undertake a Flood Study and Floodplain Risk Management Study and Plan for Macdonald River, Colo River, Webbs and Greens Creek. It aims to understand flood risk in these catchments where extended isolation and risk to life is present, and develop flood management options including engineering works, evacuation planning and appropriate development controls.

3. Redbank Creek Flood Study

The Redbank Creek Flood Study involves a comprehensive technical investigation of the flood behaviour of Redbank Creek that will provide the foundation for the development of a floodplain risk management plan. It aims to provide an understanding of the full range of flood behaviour and consequences in the Study Area.

DISCUSSION

The status of each Floodplain Risk Management project is discussed below:

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 18 October 2023

1. Review of Hawkesbury Floodplain Risk Management Study and Plan

Figure 1 details what stage the Review of the Hawkesbury Floodplain Risk Management Study and Plan Project is at.

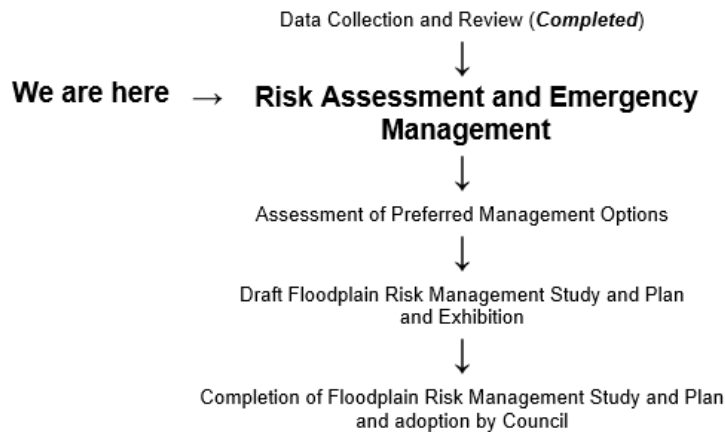


Figure 1: Status of the Review of the Hawkesbury Floodplain Risk Management Study and Plan Project

At the Floodplain Management Sub-Committee Meeting on 23 August 2023, Committee Members were advised of the community consultation to seek community opinion on potential options for the management of impacts from flooding of the Hawkesbury River.

In addition to community input, at its Meeting on 27 September 2023, the Sub-Committee discussed nine additional potential management options to put forward for consideration in the review and update of the Hawkesbury Floodplain Risk Management Study and Plan. These potential management options were provided to the consultants to commence consideration.

This consultation finished on 2 October 2023, and a summary of the outcomes of this consultation will be presented by WMA Water, the consultants for this Project, at Item 3.1.2 of this Business Paper.

2. Macdonald River, Colo River, Webbs Creeks and Greens Creek Flood Study and Floodplain Risk Management Study and Plan

Figure 2 details what stage the Macdonald River, Colo River, Webbs Creeks and Greens Creek Flood Study and Floodplain Risk Management Study and Plan Project is at.

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 18 October 2023

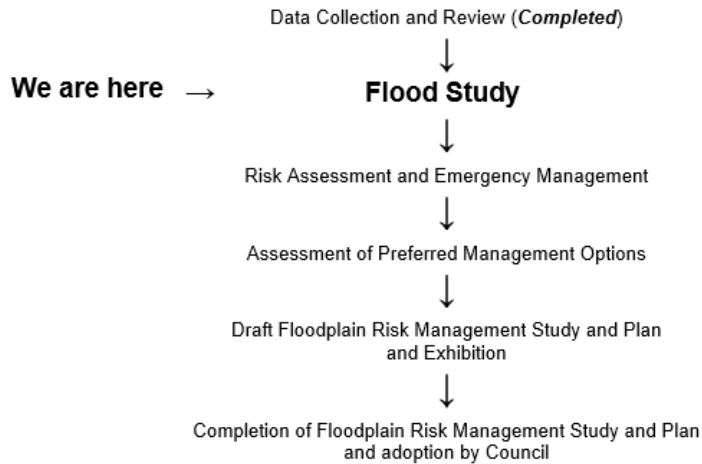


Figure 2: Status of the Macdonald River, Colo River, Webbs Creeks and Greens Creek Floodplain Management Project

The consultants for this Project are currently progressing the flood model, with a current focus on the calibration and validation of the model. The completion of the flood study component of this project is expected to be completed in January 2024.

3. Redbank Creek Flood Study

Figure 3 details what stage the Redbank Creek Flood Study Project is at.

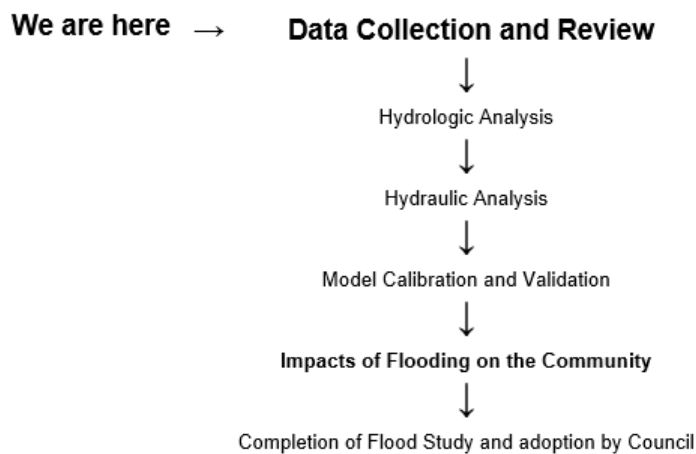


Figure 3: Status of the Redbank Creek Flood Study Project

This Project has commenced with the compilation and review of existing flood and GIS information for the catchment, and with preliminary modelling activities to inform the identification of any additional data that may be required.

At the Floodplain Management Sub-Committee Meeting on 27 September 2023, Committee Members discussed the community consultation to seek local knowledge of flooding behaviour and consequences, as well as providing an opportunity to inform and educate residents.

This consultation provides an opportunity to gather local knowledge in relation to flood behaviour and the impacts of specific events. In addition, community engagement provides opportunities for the

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 18 October 2023

community to be heard, and develops trust and confidence in the process, thereby increasing the community acceptance of study outcomes.

This consultation will commence on 16 October 2023 and will be open for a period of four weeks until 13 November 2023.

Details of the consultation (when this has commenced on 16 October 2023) can be viewed at:

[Your Hawkesbury Your Say \(yourhawkesbury-yoursay.com.au\)](http://yourhawkesbury-yoursay.com.au)

The information gathered during this consultation will help inform the flood study.

ATTACHMENTS

There are no supporting documents for this report.

oooO END OF REPORT Oooo

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 18 October 2023

3.1.2. FPSC - Presentation - Review Hawkesbury FRMS&P - Potential Management Options - (161821, 124414, 95498)

Previous Item: 3.1.4, Floodplain Management Sub-Committee (27 September 2023)

Directorate: City Planning

PURPOSE OF THE REPORT

The purpose of this report is to introduce a presentation to the Sub-Committee by WMA Water regarding potential options for the management of impacts from the flooding of the Hawkesbury River.

OFFICER'S RECOMMENDATION

That the Floodplain Management Sub Committee consider the matters highlighted in the presentation by WMA Water.

DISCUSSION

A presentation from WMA Water will be given to the Floodplain Management Sub Committee, in order to:

- Detail the results of the recent community consultation to seek community opinion on potential options for the management of impacts from flooding of the Hawkesbury River, and
- Discuss potential management options for consideration, and inclusion in a reviewed/amended floodplain risk management study and plan.

ATTACHMENTS

There are no supporting documents for this report.

oooO END OF REPORT Oooo

FLOODPLAIN SUB-COMMITTEE

4. GENERAL BUSINESS

Meeting Date: 18 October 2023

4. GENERAL BUSINESS



Floodplain Management Sub-Committee Meeting

End of Business Paper

This business paper has been produced electronically to reduce costs, improve efficiency and reduce the use of paper. Internal control systems ensure it is an accurate reproduction of Council's official copy of the business paper.