



Attachment 3 to Item 3.1.1.

Floodplain Management Sub Committee
Business Papers 26 July 2023

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



Floodplain Management Sub-Committee

Date of meeting: 26 July 2023
Location: Council Administration Building
Time: 3:00 PM

BUSINESS PAPER

FLOODPLAIN SUB-COMMITTEE

Table of Contents

Meeting Date: 26 July 2023

Table of Contents

2. CONFIRMATION OF MINUTES..... 5

3. REPORTS FOR DETERMINATION 7

 3.1.1. FPSC - Presentation - Infrastructure NSW - (161821, 124414, 95498)..... 7

 3.1.2. FPSC - Presentation - Community Planning and Partnerships - (161821, 124414, 95498.8

 3.1.3. FPSC – Recommendations of Hawkesbury Floodplain Risk Management Plan 2012 –
 (161821, 124414, 95498) 10

 3.2. Confidential Reports 19

 Nil reports 19

4. GENERAL BUSINESS 20

FLOODPLAIN SUB-COMMITTEE

Table of Contents

Meeting Date: 26 July 2023

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 26 July 2023

2. CONFIRMATION OF MINUTES



Floodplain Management Sub-Committee

Date of meeting: 28 June 2023
Location: Council Administration Building
Time: 3:00 PM

MINUTES

FLOODPLAIN SUB-COMMITTEE

Minutes: 28 June 2023

- **WELCOME**
- **APOLOGIES**
- **DECLARATION OF INTERESTS**
- **SECTION 3 - Reports for Determination**
- **SECTION 5 - General Business**

FLOODPLAIN SUB-COMMITTEE

Minutes: 28 June 2023

Table of Contents

3. REPORTS FOR DETERMINATION 8

 3.1.1. FPSC - Election of Chairperson - (161821, 124414, 95498) 8

 3.1.2. FPSC - Terms of Reference and Meetings - (161821, 124414, 95498) 9

 3.1.3. FPSC - Floodplain Risk Management Projects - (161821, 124414, 95498) 10

 3.1.4. FPSC - Combined Rivers Project Community Survey - (161821, 124414, 95498) 11

4. GENERAL BUSINESS 12

FLOODPLAIN SUB-COMMITTEE

Minutes: 28 June 2023

FLOODPLAIN SUB-COMMITTEE

Minutes: 28 June 2023

Minutes of the Meeting of the Floodplain Sub-Committee held in the Large Committee Room, Windsor, on 28 June 2023, commencing at 3:00pm.

ATTENDANCE

Present: Mr Andrew North, Community Representative
Mr Christopher Bell, Community Representative
Mr Wayne Mitchell, Community Representative
Ms Rosemary Scott, Community Representative – (Audio-Visual Link)
Mr Harry Panagopoulos, Department of Planning and Environment – (Audio-Visual Link)
Mr Stephen Yeo, Infrastructure NSW – (Audio-Visual Link)
Mr Kevin Jones, State Emergency Services – (Audio-Visual Link)
Councillor Amanda Kotlash, Hawkesbury City Council
Councillor Les Sheather, Hawkesbury City Council

Apologies: Mr Lawrence Ross
Mr Murray West

In Attendance: Ms Meagan Ang, Hawkesbury City Council
Mr Andrew Kearns, Hawkesbury City Council
Ms Colleen Haron, Hawkesbury City Council
Mr Philip Bow, Hawkesbury City Council – (Audio-Visual Link)

Member	28/6/2023
Mr Andrew North	✓
Mr Christopher Bell	✓
Mr Wayne Mitchell	✓
Ms Rosemary Scott	✓
Mr Harry Panagopoulos	✓
Mr Stephen Yeo	✓
Mr Kevin Jones	✓
Councillor Amanda Kotlash	✓
Councillor Les Sheather	✓
Mr Lawrence Ross	A
Mr Murray West	A
Mr Troy Myers	X

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

APOLOGIES

Apologies from Mr Lawrence Ross and Mr Murray West were noted.

DECLARATIONS OF INTEREST

There were no Declarations of Interests made.

3. REPORTS FOR DETERMINATION

3.1.1. FPSC - Election of Chairperson - (161821, 124414, 95498)

Directorate: City Planning

OFFICER'S RECOMMENDATION:

That a Chairperson and Deputy Chairperson of the Floodplain Management Sub-Committee for the period from June 2023 to September 2024 be determined.

COMMITTEE RECOMMENDATION:

RESOLVED on the motion of Councillor Kotlash and seconded by Mr Wayne Mitchell.

That a Chairperson and Deputy Chairperson of the Floodplain Management Sub-Committee for the period from June 2023 to September 2024 be determined.

The Manager Strategic Planning, Mr Andrew Kearns, called for nominations for the position of Chairperson. One nomination was received, being:

Councillor Les Sheather	Nominated by Councillor Kotlash Seconded by Mr Wayne Mitchell
-------------------------	--

There being one nomination, Councillor Sheather was elected as Chairperson of the Floodplain Sub-Committee from June 2023 to September 2024.

The Manager Strategic Planning, Mr Andrew Kearns, called for nominations for the position of Deputy Chairperson. One nomination was received, being:

Councillor Amanda Kotlash	Nominated by Councillor Sheather Seconded by Mr Wayne Mitchell
---------------------------	---

There being one nomination, Councillor Kotlash was elected as Deputy Chairperson of the Floodplain Sub-Committee from June 2023 to September 2024.

FLOODPLAIN SUB-COMMITTEE

Minutes: 28 June 2023

3.1.2. FPSC - Terms of Reference and Meetings - (161821, 124414, 95498)

Directorate: City Planning

OFFICER'S RECOMMENDATION:

That the Floodplain Management Sub-Committee receive and note:

1. The Terms of Reference for the Floodplain Management Sub-Committee, and
2. The likely meeting dates and frequency for the period from June 2023 to September 2024, as outlined in the report.

COMMITTEE RECOMMENDATION:

RESOLVED on the motion of Councillor Kotlash and seconded by Mr Christopher Bell.

That the Floodplain Management Sub-Committee receive and note:

1. The Terms of Reference for the Floodplain Management Sub-Committee, and
2. The likely meeting dates and frequency for the period from June 2023 to September 2024, as outlined in the report.
3. Recommend to the Disaster and Emergency Committee that the Terms of Reference be amended by the inclusion of neighbouring Councils in objective 2 (e).

3.1.3. FPSC - Floodplain Risk Management Projects - (161821, 124414, 95498)

Directorate: City Planning

OFFICER'S RECOMMENDATION:

That the Floodplain Risk Management Advisory Sub-Committee receive and note:

- The details of the Floodplain Risk Management Studies and Plans currently being undertaken by Council as provided in this report; and
- The matters in which the Sub-Committee will contribute to the development of these Studies and Plans as outlined in this report, being:
 - Community consultation
 - The determination of floodplain management options
 - The review of draft Studies and Plans, prior to public exhibition; and
 - The review of the final Studies and Plans following public exhibition.

COMMITTEE RECOMMENDATION:

RESOLVED on the motion of Mr Christopher Bell and seconded by Councillor Kotlash.

That the Floodplain Risk Management Advisory Sub-Committee receive and note:

- The details of the Floodplain Risk Management Studies and Plans currently being undertaken by Council as provided in this report; and
- The matters in which the Sub-Committee will contribute to the development of these Studies and Plans as outlined in this report, being:
 - Community consultation
 - The determination of floodplain management options
 - The review of draft Studies and Plans, prior to public exhibition; and
 - The review of the final Studies and Plans following public exhibition.
- That the Sub-Committee is consulted earlier in the consultants brief in order to inform preparation of recommendations. Table 1 be updated to provide an extra column and brought back for future consideration by the Sub-Committee at the next meeting.

FLOODPLAIN SUB-COMMITTEE

Minutes: 28 June 2023

3.1.4. FPSC - Combined Rivers Project Community Survey - (161821, 124414, 95498)

Directorate: City Planning

OFFICER'S RECOMMENDATION:

That the Floodplain Management Sub-Committee endorse the:

1. Proposed Engagement Plan as outlined in this report; and
2. Use of the community survey and supporting documentation as provided in Attachments 1 to 3.

COMMITTEE RECOMMENDATION:

RESOLVED on the motion of Councillor Kotlash and seconded by Mr Wayne Mitchell.

That the Floodplain Management Sub-Committee endorse the:

1. Proposed Engagement Plan as outlined in this report; and
2. Use of the community survey and supporting documentation as provided in Attachments 1 to 3.

FLOODPLAIN SUB-COMMITTEE

Minutes: 28 June 2023

4. GENERAL BUSINESS

There was no general business discussed.



Floodplain Management Sub-Committee Meeting

End of Minutes

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.

FLOODPLAIN SUB-COMMITTEE

2. CONFIRMATION OF MINUTES

Meeting Date: 26 July 2023

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

3. REPORTS FOR DETERMINATION

3.1.1. FPSC - Presentation - Infrastructure NSW - (161821, 124414, 95498)

Directorate: City Planning

PURPOSE OF THE REPORT

At this Floodplain Management Sub Committee Meeting, Infrastructure NSW's Hawkesbury-Nepean Valley Flood Risk Management Directorate will give a presentation detailing:

- Hawkesbury Nepean Valley Disaster Adaption Plan and consultation
- Planned engagement for the release of the new Hawkesbury Nepean River Flood Study and consultation
- An overview of the various projects delivered as part of the Community Outreach Program, and
- An overview of the new evacuation campaign.

The purpose of this report is to introduce this presentation and provide a summary of the matters that will be discussed during the presentation.

OFFICER'S RECOMMENDATION

That the Floodplain Management Sub Committee consider the matters discussed in the presentation by Infrastructure NSW's Hawkesbury-Nepean Valley Flood Risk Management Directorate.

DISCUSSION

A presentation from Infrastructure NSW's Hawkesbury-Nepean Valley Flood Risk Management Directorate will be given to the Sub Committee providing:

- Overview of the Disaster Action Plan and planned stakeholder and community consultation process
- Regional Flood Study – update and overview of planned stakeholder and community consultation process
- Overview of Community Outreach Program work to date
- Overview of the new evacuation campaign (currently in development).

ATTACHMENTS

There are no supporting documents for this report.

oooO END OF REPORT Oooo

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

3.1.2. FPSC - Presentation - Community Planning and Partnerships - (161821, 124414, 95498)

Directorate: City Planning

PURPOSE OF THE REPORT

At this Floodplain Management Sub Committee Meeting, Council's Community Planning and Partnerships Section will give a presentation detailing:

- Community Recovery and Preparedness – Key Activities and Learnings post the 2021 and 2022 Floods
- Ongoing work and planned initiatives for the next twelve months.

The purpose of this report is to introduce this presentation and provide a summary of the matters that will be discussed during the presentation, and relevant website links that may be of use.

OFFICER'S RECOMMENDATION

That the Floodplain Management Sub Committee consider the matters discussed in the presentation by Council's Community Planning and Partnerships Section.

DISCUSSION

A presentation from Council's Community Planning and Partnerships Section will be given to the Sub Committee to detail the work that has been undertaken in respect to:

- Community Recovery and Preparedness – Key Activities and Learnings post the 2021 and 2022 Floods
- Ongoing work and planned initiatives for the next twelve months including:
 - First Aid and Youth First Aid Education programs
 - Go Bag Preparedness Program
 - Hawkesbury Resilience Plan 2030
 - Prepared Informed and Ready Pages and resources including in language support
 - Community Mapping and Development of the Community Resilience Network
 - Support of emerging and ongoing Community Groups through Bright Ideas to Build Resilience Project
 - Ongoing Cross Sector Network facilitation and collaborative activities
 - Targeted Preparedness work with identified communities and volunteer groups.

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

Useful links relevant to the matters being discussed in the presentation are provided below:

- Community Hubs <https://www.yourhawkesbury-yoursay.com.au/hch> and linked pages
- The Prepared Informed and Ready Page
<https://www.yourhawkesbury-yoursay.com.au/prepared>
- The recently released Flood Needs Assessment from Wentworth Health
<https://www.nbmphn.com.au/NBMPHN-Library>

ATTACHMENTS

There are no supporting documents for this report.

oooO END OF REPORT Oooo

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

3.1.3. FPSC – Recommendations of Hawkesbury Floodplain Risk Management Plan 2012 – (161821, 124414, 95498)

Previous Item: 3.1.1, Floodplain Management Sub-Committee (28 June 2023)

Directorate: City Planning

PURPOSE OF THE REPORT

The purpose of this report is to detail the status of the recommendations of the Hawkesbury Floodplain Risk Management Plan 2012, and identify those recommendations that should be considered as part of the process of undertaking the Review of the Hawkesbury Floodplain Risk Management Study and Plan (current project).

EXECUTIVE SUMMARY

The recommendations of the Hawkesbury Floodplain Risk Management Study and Plan 2012 were discussed at the Floodplain Management Sub Committee Meeting on 28 June 2023, where it was highlighted that further details in respect to the status of these recommendations would assist the Sub Committee.

This report identifies the actions, or part actions, that remain outstanding in relation to the Hawkesbury Floodplain Risk Management Study and Plan 2012.

It is proposed that these outstanding actions be referred to the consultant undertaking the Review of Hawkesbury Floodplain Risk Management Study and Plan 2012 Project for consideration, and where relevant be included in any future floodplain risk management study and plan for the Hawkesbury River catchment.

OFFICER'S RECOMMENDATION

That the future actions identified in Table 1: *Status of Hawkesbury Floodplain Risk Management Study and Plan 2012 Recommendations* provided as Attachment 1 to this report be referred to the consultants for consideration for inclusion in the review and update of this Plan.

BACKGROUND

The status of the recommendations of the Hawkesbury Floodplain Risk Management Plan 2012 were presented to the Floodplain Management Sub Committee at its meeting on 28 June 2023.

Details of how the recommendations had been actioned or how changes in policy and legislation have affected these recommendations were presented. However, it was recognised that identifying what works still needed to be undertaken would be useful in assisting in determining future management options for inclusion in the updated Plan.

DISCUSSION

A more detailed table of recommendations/actions was prepared in order to highlight what actions, or part actions, remain outstanding in relation to the recommendations of the Hawkesbury Floodplain Risk Management Study and Plan 2012.

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

Table 1: *Status of Hawkesbury Floodplain Risk Management Study and Plan 2012 Recommendations* in Attachment 1 to this report provides a revised assessment of the status of the Hawkesbury Floodplain Risk Management Study and Plan 2012 recommendations, including identification of future potential actions.

It has also been identified that the outstanding recommendations need to be reviewed to determine if they are still relevant and should be included in the Review of Hawkesbury Floodplain Risk Management Study and Plan 2012 Project.

In this respect, it is considered that these recommendations be referred to the consultants undertaking this Project for consideration, and where relevant be included in any future floodplain risk management study and plan for the Hawkesbury River catchment.

ATTACHMENTS

AT – 1 Table 1: Status of Hawkesbury Floodplain Risk Management Study and Plan 2012 Recommendations.

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

AT 1 - Table 1: Status of Hawkesbury Floodplain Risk Management Study and Plan 2012 Recommendations

ITEM	AGENCY	ACTIONS TO DATE	FUTURE ACTIONS
1. Community Flood Education and Resilience			
(a) <i>Review and evaluate Regional Public Awareness Program.</i>	Hawkesbury City Council, State Emergency Services	(a) Awareness program for Hawkesbury Nepean Valley recently/currently undertaken by iNSW and SES in conjunction with HCC as a partner, as part of the actions of the Hawkesbury Nepean Flood Strategy – Resilient Valley/Resilient Communities.	(a) This program is driven by the State Agencies. Determine lifespan of the program and what is needed to maintain a community awareness program in perpetuity. Consider as part of Review of Hawkesbury FRMS&P.
(b) <i>Issue flood certificates on regular basis.</i>	Hawkesbury City Council, State Emergency Services	(b) Council has two types of flood certificates; a simple one and a more detailed one which provides information such as hazard to assist with determining which developments controls are applicable under Flood Policy – data based on 2012 Study.	(b) Completed. No further action required.
(c) <i>Prepare suburb-specific FloodSafe guides.</i>	Hawkesbury City Council, State Emergency Services	(c) Awareness program for Hawkesbury Nepean Valley recently/currently undertaken by iNSW and SES in conjunction with HCC as a partner, as part of the actions of the Hawkesbury Nepean Flood Strategy – Resilient Valley/Resilient Communities.	(c) Review awareness program in (a) and determine adequacy in general and whether there is a need for suburb specific guides. Consider as part of Review of Hawkesbury FRMS&P.
(d) <i>Prepare flood tolerant housing poster and brochure.</i>	Hawkesbury City Council, State Emergency Services	(d) Awareness program for Hawkesbury Nepean Valley recently/currently undertaken by iNSW and SES in conjunction with HCC as a partner, as part of the actions of the Hawkesbury Nepean Flood Strategy – Resilient Valley/Resilient Communities.	(d) Not commenced. Consider as part of Review of Hawkesbury FRMS&P.

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

ITEM	AGENCY	ACTIONS TO DATE	FUTURE ACTIONS
(e) <i>Enhance flood information on Council's web-site.</i>	Hawkesbury City Council, State Emergency Services	(e) Awareness program for Hawkesbury Nepean Valley recently/currently undertaken by iNSW and SES in conjunction with HCC as a partner, as part of the actions of the Hawkesbury Nepean Flood Strategy – Resilient Valley/Resilient Communities. Establishment of Emergency Dashboard on Council's website, which provides information and links to information and resources in relation to natural disasters and relevant agencies such as SES, Police and RFS.	(e) Review awareness program in (a) and determine what additional information could be provided on councils website along with links to SES website. Consider as part of Review of Hawkesbury FRMS&P.
(f) <i>Commission book and video production on Hawkesbury flooding and vital community responses.</i>	Hawkesbury City Council, State Emergency Services	(f) Council led flood exhibition at Hawkesbury Museum in 2017.	(f) Consider applicability as part of Review of Hawkesbury FRMS&P.
(g) <i>150 year commemoration of 1867 flood.</i>	Hawkesbury City Council, State Emergency Services	(g) 150 year commemoration carried out in 2017.	(g) Completed. No further action required.
(h) <i>Install flood icons/markers at key locations.</i>	Hawkesbury City Council, State Emergency Services	(h) Have applied for a grant to carry out this recommendation a couple of times, however been unsuccessful due to NSW Government strategy and work across the Hawkesbury-Nepean Valley.	(g) Continue to seek grant funding, in conjunction with the Department of Planning and Environment.
(i) <i>Continue to host Business FloodSafe breakfasts.</i>	Hawkesbury City Council, State Emergency Services	(i) Nil	(i) No further action required.

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

ITEM	AGENCY	ACTIONS TO DATE	FUTURE ACTIONS
2. Emergency Management			
(a) <i>Implement dual outbound lanes on Jim Anderson Bridge during flood emergencies.</i>	State Emergency Services, Transport for NSW	(a) As part of delivering HNV Flood Strategy, Transport for NSW is undertaking investigations for road improvements (Road Resilience Program). This work includes investigations to improve flood immunity of evacuation routes through drainage works, road shoulder upgrades or the raising of low points.	(a) Continue to advocate as necessary.
(b) <i>Enhance emergency management assessment tools. Develop best traffic modelling to better assess implications of various evacuation scenarios. Integrate with flood modelling.</i>	State Emergency Services	(b) TfNSW and SES development of a Flood Evacuation Model for the Hawkesbury-Nepean Valley.	(b) Continue to advocate as necessary.
(c) <i>Promote construction of community refuges within major new buildings on flood islands to service the existing communities.</i>	Hawkesbury City Council, State	(c) WestInvest funded project to provide community centre at North Richmond for use during natural disasters	(c) Refuges identified at other location to be re-evaluated as part of Review of Hawkesbury FRMS&P.
(d) <i>Continue to prepare and maintain flood emergency management plans for special uses and utilities.</i>	Private Sector, Hawkesbury City Council, State Emergency Services, State	(d) New SES Hawkesbury-Nepean SubPlan released in 2020. Hawkesbury-Nepean flood emergency sub plan NSW Government iNSW & SES, in collaboration with councils, recently released flood emergency management plan template to all caravan parks for use. Council's adopted Local Approvals Policy – Caravan Parks requires flood evacuation plans for Approvals to Operate.	(d) Completed. Implementation of Sub Plan and periodic review by SES subject to their processes and procedures. Local Approvals Policy implemented through assessment of applications for Approvals to Operate.

FLOODPLAIN SUB-COMMITTEE

3. REPORTS FOR DETERMINATION

Meeting Date: 26 July 2023

ITEM	AGENCY	ACTIONS TO DATE	FUTURE ACTIONS
(e) <i>Use caravan park emergency management plan template to raise awareness and increase preparedness.</i>	Private Sector, Hawkesbury City Council, State Emergency Services, State	(e) iNSW & SES, in collaboration with councils, recently released flood emergency management plan template to all caravan parks for use. Council's adopted Local Approvals Policy – Caravan Parks requires flood evacuation plans for Approvals to Operate.	(e) Completed. Local Approvals Policy implemented through assessment of applications for Approvals to Operate.
(f) <i>Review and update Hawkesbury-Nepean Flood Emergency Sub Plan and NSW State Flood Sub Plan</i>	State Emergency Services, Bureau of Meteorology, State	(f) New SES Hawkesbury-Nepean SubPlan released in 2020. Hawkesbury-Nepean flood emergency sub plan NSW Government	(f) Completed. Implementation of Sub Plan and periodic review by SES subject to their processes and procedures.
(g) <i>Provide additional evacuation capacity possibly through a new crossing of South Creek at Eighth Ave, Llandilo.</i>	Hawkesbury City Council, Transport for NSW, State	(g) As part of delivering HNV Flood Strategy, Transport for NSW is undertaking investigations for road improvements (Road Resilience Program). This work includes investigations to improve flood immunity of evacuation routes through drainage works, road shoulder upgrades or the raising of low points.	(g) Consider as part of Review of Hawkesbury FRMS&P and continue to advocate as necessary.
(h) <i>Identify local evacuation route upgrades and revise FRMP.</i>	Hawkesbury City Council, State Emergency Services	(h) As part of delivering HNV Flood Strategy, Transport for NSW is undertaking investigations for road improvements (Road Resilience Program). This work includes investigations to improve flood immunity of evacuation routes through drainage works, road shoulder upgrades or the raising of low points.	(h) Ongoing.
(i) <i>Investigate lane duplication options, east of Jim Anderson Bridge.</i>	Hawkesbury City Council, State Emergency Services	(i) Nil.	(i) Consider applicability as part of Review of Hawkesbury FRMS&P and continue to advocate as necessary.

FLOODPLAIN SUB-COMMITTEE

3. REPORTS FOR DETERMINATION

Meeting Date: 26 July 2023

ITEM	AGENCY	ACTIONS TO DATE	FUTURE ACTIONS
3. Future Development – Flood Risk Advice to Consent Authorities			
<i>(a) Provide advice to Council and State Government concerning severity of flood evacuation risks as per Tables 4 and 5.</i>	Hawkesbury City Council, State	(a) Nil.	(a) Review the Evacuation Risks for future development as part of Review of Hawkesbury FRMS&P.
4. Town Planning			
<p><i>(a) Advise DPI of principal planning recommendations of this Plan.</i></p> <p><i>(b) Amend flood risk provisions of Council's existing DCP.</i></p> <p><i>(c) Amend LEP in Accordance with Volume 3.</i></p> <p><i>(d) Prepare maps to guide application of Codes SEPP.</i></p>	<p>Hawkesbury City Council, State</p> <p>Hawkesbury City Council, State</p> <p>Hawkesbury City Council, State</p> <p>Hawkesbury City Council, State</p>	<p>This section was not adopted by Council at that time. However, a number of changes to legislation and state policy have happened:</p> <p>(a) Nil</p> <p>(b) Council adopted Flood Policy in 2020 which was based on a risk approach. Council adopted a Local Approvals Policy for caravan parks (July 2023) to manage the impacts of floods on caravan parks.</p> <p>(c) LEP Standard Instrument dictates the wording of clauses in LEP. New flood clauses for LEPs were introduced 5.21 (mandatory) and 5.22 (optional). Council chose not to include Clause 5.22 until the Review of Hawkesbury FRMS&P has been completed.</p> <p>(d) Nil.</p>	<p>(a) Outcome of current Floodplain Management Projects will be provided to State Agencies.</p> <p>(b) A chapter for flood risk management will be included in Council's Development Control Plan as an output of the current Floodplain Management Projects.</p> <p>(c) The inclusion of Clause 5.22 into HLEP 2012 to be considered as part of the Floodplain Management Projects.</p> <p>(d) Not commenced. Consider applicability as part of Review of Hawkesbury FRMS&P.</p>

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

ITEM	AGENCY	ACTIONS TO DATE	FUTURE ACTIONS
(e) <i>Revise S149 notifications in accordance with Volume 3.</i>	Hawkesbury City Council, State	(e) Notifications to be included on planning certificate in relation to flooding were changed with the introduction of State Governments Flood Package. Now includes advice for development controls for certain development on land between the flood planning area and the PMF – relates to Clause 5.22 of the Standard Instrument.	(e) No further action required at this stage.
(f) <i>Lodge application for 'exceptional circumstances' with DPI & OEH.</i>	Hawkesbury City Council, State	(f) No longer required. Removed as part of the changes introduced by the State Government's Flood Package. Flood planning levels/areas are now determined as part of the floodplain management process.	(f) Consider as part of Review of Hawkesbury FRMS&P, based on the outcomes of DPE's Strategic Land Use Framework and iNSW 2D Flood Model.
5. VHR and Redevelopment			
(a) <i>Survey all houses inundated in 20 year ARI events.</i>	Hawkesbury City Council	Have applied for a grant to carry out this recommendation twice, however have been unsuccessful due to NSW Government Strategy and work across the Hawkesbury-Nepean Valley	Consider as part of Review of Hawkesbury FRMS&P.
(b) <i>Assess eligibility for voluntary house raising (VHR) redevelopment and possibly for voluntary house purchase (VP).</i>	Hawkesbury City Council		
(c) <i>Report back to Council. Revise FRMP if required.</i>	Hawkesbury City Council		
6. McGraths Hill			
(a) <i>Feasibility study of 50 year levee including consultation.</i>	Hawkesbury City Council	No further investigation following release of the Hawkesbury-Nepean Valley Strategy - Resilient Valley, Resilient Communities	Matter being investigated by Reconstruction Authority and Disaster Action Plans
(b) <i>Assess community attitudes to levee and refuge mound.</i>	Hawkesbury City Council	Recommendations of the Flood Inquiry.	
(c) <i>Report back to Council. Revise FRMP if required.</i>	Hawkesbury City Council		

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

ITEM	AGENCY	ACTIONS TO DATE	FUTURE ACTIONS
7. Updating Flood Behaviour Data in Valley			
(a) <i>Utilise latest 2D flood modelling and latest topographical data.</i>	Hawkesbury City Council, Other Councils, State	iNSW flood study 2019 has provided more contemporary flood data for the Hawkesbury Nepean Valley. iNSW is currently undertaking 2D modelling and updating flood data from that carried out in 2019. This newer data is expected to be exhibited from August 2023.	The updated flood data resulting from the 2D modelling undertaken by iNSW will be incorporated into the Review of Hawkesbury FRMS&P.
(b) <i>Extend along main tributaries.</i>	Hawkesbury City Council, Other Councils, State		
(c) <i>Include revised IFD rainfall.</i>	Hawkesbury City Council, Other Councils, State		
(d) <i>Include for revised climate change influences.</i>	Hawkesbury City Council, Other Councils, State		
(e) <i>Update data for smaller more frequent flood events.</i>	Hawkesbury City Council, Other Councils, State		

oooO END OF REPORT Oooo

FLOODPLAIN SUB-COMMITTEE
3. REPORTS FOR DETERMINATION
Meeting Date: 26 July 2023

3.2. Confidential Reports

Nil reports

FLOODPLAIN SUB-COMMITTEE

4. GENERAL BUSINESS

Meeting Date: 26 July 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.