

FLOODPLAIN RISK MANAGEMENT COMMITTEE – CENTRAL AREA



9 February 2021

TUESDAY, 9 FEBRUARY 2021

5PM

LEVEL 10 COMMITTEE ROOMS 1 & 2

PURPOSE OF MEETING

Under the NSW Government's Floodplain Development Manual (2005), a Floodplain Risk Management Committee is required to assist Councils in the development and implementation of Floodplain Risk Management Plans across their respective Local Government Areas. A Floodplain Risk Management Committee for the Central Area has been formed to oversee this process for the Fairy and Cabbage Tree Creeks, Wollongong City and Allans Creek Creek catchments.

MEMBERS

Cr John Dorahy - (Chair)	Councillor Delegate
Cr Cath Blakey	Councillor Delegate
Cr Tania Brown	Councillor Delegate
S Milling	Transport for NSW
A Monk	Transport for NSW
Nathan Pomfret	Department of Planning, Industry and Environment
G Towers	Planning NSW
A Aguiar	SES Illawarra/South Coast Region
R Summers	Community Representative
J Groves	Community Representative
C San Gil	Community Representative
B Fitzpatrick	Community Representative
J Harvey	Community Representative
M Kulig	Community Representative

INVITED

Trish McClure	Manager Infrastructure Strategy and Planning
Isabelle Ghetti	Transport and Stormwater Services Manager (Acting)
David Green	Land Use Planning Manager
Joel Harris	Floodplain and Stormwater Unit Leader (Acting)
Petar Milevski	Civil Engineer Urgan Drainage
Motiu Rhaman	Floodplain Management Engineer
Yelia Pandika	Floodplain Management Engineer
Andrew Heaven	Development Engineering Manager
Jenna Conran	Emergency Management Officer

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1 STANDING AGENDA ITEMS

1.1 Welcome and Introduction

1.2 Acknowledgement of Country

“I would like to pay my respect and acknowledge the Traditional Custodians of the Land on which we meet, and pay my respect to Elders past, present and future. I would also like to extend my respect to Aboriginal and Torres Strait Islander people present here today.”

1.3 Apologies

1.4 Disclosures of Interests

1.5 Confirmation of Minutes of Previous Meeting held on 2 April 2020.

2 FLOOD MANAGEMENT UPDATE

2.1 Fairy and Cabbage Tree Creeks Flood Study 2020

The Fairy and Cabbage Tree Creeks Flood Study Review was placed on public exhibition from 6 April 2020 to 11 May 2020 and adopted by Council on 29 June 2020.

The report and all modelling files have been placed on the NSW SES Flood data portal and can be accessed from there.

The Fairy Cabbage Tree Creek Flood Study 2020 describes the flood behaviour based on Council's revised blockage factors. It used the 1987 guidelines for flood estimation (ARR1987).

2.2 Fairy and Cabbage Tree Creeks Floodplain Risk Management Study and Plan Review

Council has started the review of the Fairy and Cabbage Tree Creeks Floodplain Risk Management Study and Plan. This project is funded by the NSW Flood Program and Council. The project seeks to identify the flood risks and damages to this catchment and assess and prioritise floodplain risk mitigation options.

The first step of this project is to review and update the flood study based on the new National guidelines for flood estimation. This step is currently underway and consultant has completed stage 1 report (Data collection and review) and stage 2 Hydrological and Hydraulic modelling is currently ongoing.

A brief update will be provided by Council's consultant.

This project will also include a continuation of the Flood Aware component of the SMART Waterways Project.

2.3 SMART Waterways Project

The Smart Waterways project is a partnership between the Illawarra and Shoalhaven Councils, University of Wollongong and Lendlease. Two Newsletters explaining the project are provided in the attachments (Z19/205830 and Z21/5152). The Fairy Cabbage Tree Creek catchment was a pilot catchment for this project and 20 water level sensors were installed in the catchment. The Flood Aware model was developed for this catchment. We have engaged the University of Wollongong to continue to develop the model in order to deliver:

- Development of flash flood warning system analytics software to translate collected data into user output. The system will service Fairy/Cabbage Tree Creek catchment, within the Wollongong local government area and rely on radar rainfall data, sourced from the public domain, and water level sensors installed as part of the Stop Block and Go Flow project component.
- Disseminate user outputs via Vision Illawarra Platform (<http://visionillawarra.org.au/smart-waterways>)
- Dashboard with updated Flood Aware information (<https://visionillawarra.org.au/smart-waterways/flood-aware/wollongong/>) [open in Google Chrome]

2.4 Allans Creek Floodplain Risk Management Study and Plan Review

Council has started the review of the Allans Creek Floodplain Risk Management Study and Plan. This project is funded by the NSW Flood Program and Council. The project seeks to identify the flood risks and damages to this catchment and assess and prioritise floodplain risk mitigation options.

The first step of the review is to update the flood study based on the new National guidelines for flood estimation. This step is in progress.

An update will be provided by Council's consultant.

2.5 Floodplain Management Grant Applications

Council's grant applications under the NSW Floodplain Management Program for the following projects in the Central Area have been successful:

- Wollongong City Floodplain Risk Management Study and Plan
- McMahon Street Basin Detailed Design

The technical briefs for these projects is currently being developed and procurement process will follow. We expect to start these projects by June 2021. Updates will be provided at future committee meetings.

2.6 Recent Floodplain Risk Management Plan Implementation

Council has been carrying out works to implement the currently adopted Floodplain Risk Management Plans. This include projects that have been recently completed, are underway, or are planned.

Allans Creek;

- Debris Control Structure at The Avenue – Detailed Design under way
- 35 Uralba Road Voluntary Purchase – Complete
- 35 Uralba Road overland flowpath – Design commenced

Fairy Cabbage Tree Creek;

- McMahon Street Basin Concept Design complete
- McMahons Street Basin Detailed Design commencing with grant

3 GENERAL BUSINESS

3.1 Business Arising from Previous Minutes

4 NEXT MEETING

To be advised.

5 CLOSE MEETING

Z21/5323