

Notice of Meeting

Floodplain Management Advisory Committee Meeting

A Floodplain Management Advisory Committee Meeting of
Byron Shire Council will be held as follows:

Venue	Conference Room, Station Street, Mullumbimby
Date	Tuesday, 19 September 2023
Time	1:00pm

Phil Holloway
Director Infrastructure Services

I2023/1394
Distributed 12/09/23

CONFLICT OF INTERESTS

What is a “Conflict of Interests” - A conflict of interests can be of two types:

Pecuniary - an interest that a person has in a matter because of a reasonable likelihood or expectation of appreciable financial gain or loss to the person or another person with whom the person is associated.

Non-pecuniary – a private or personal interest that a Council official has that does not amount to a pecuniary interest as defined in the Code of Conduct for Councillors (eg. A friendship, membership of an association, society or trade union or involvement or interest in an activity and may include an interest of a financial nature).

Remoteness – a person does not have a pecuniary interest in a matter if the interest is so remote or insignificant that it could not reasonably be regarded as likely to influence any decision the person might make in relation to a matter or if the interest is of a kind specified in the Code of Conduct for Councillors.

Who has a Pecuniary Interest? - a person has a pecuniary interest in a matter if the pecuniary interest is the interest of the person, or another person with whom the person is associated (see below).

Relatives, Partners - a person is taken to have a pecuniary interest in a matter if:

- The person’s spouse or de facto partner or a relative of the person has a pecuniary interest in the matter, or
- The person, or a nominee, partners or employer of the person, is a member of a company or other body that has a pecuniary interest in the matter.

N.B. “Relative”, in relation to a person means any of the following:

- (a) the parent, grandparent, brother, sister, uncle, aunt, nephew, niece, lineal descends or adopted child of the person or of the person’s spouse;
- (b) the spouse or de facto partners of the person or of a person referred to in paragraph (a)

No Interest in the Matter - however, a person is not taken to have a pecuniary interest in a matter:

- If the person is unaware of the relevant pecuniary interest of the spouse, de facto partner, relative or company or other body, or
- Just because the person is a member of, or is employed by, the Council.
- Just because the person is a member of, or a delegate of the Council to, a company or other body that has a pecuniary interest in the matter provided that the person has no beneficial interest in any shares of the company or body.

Disclosure and participation in meetings

- A Councillor or a member of a Council Committee who has a pecuniary interest in any matter with which the Council is concerned and who is present at a meeting of the Council or Committee at which the matter is being considered must disclose the nature of the interest to the meeting as soon as practicable.
- The Councillor or member must not be present at, or in sight of, the meeting of the Council or Committee:
 - (a) at any time during which the matter is being considered or discussed by the Council or Committee, or

- (b) at any time during which the Council or Committee is voting on any question in relation to the matter.

No Knowledge - a person does not breach this Clause if the person did not know and could not reasonably be expected to have known that the matter under consideration at the meeting was a matter in which he or she had a pecuniary interest.

Non-pecuniary Interests - Must be disclosed in meetings.

There are a broad range of options available for managing conflicts & the option chosen will depend on an assessment of the circumstances of the matter, the nature of the interest and the significance of the issue being dealt with. Non-pecuniary conflicts of interests must be dealt with in at least one of the following ways:

- It may be appropriate that no action be taken where the potential for conflict is minimal. However, Councillors should consider providing an explanation of why they consider a conflict does not exist.
- Limit involvement if practical (eg. Participate in discussion but not in decision making or vice-versa). Care needs to be taken when exercising this option.
- Remove the source of the conflict (eg. Relinquishing or divesting the personal interest that creates the conflict)
- Have no involvement by absenting yourself from and not taking part in any debate or voting on the issue as of the provisions in the Code of Conduct (particularly if you have a significant non-pecuniary interest)

Committee members are reminded that they should declare and manage all conflicts of interest in respect of any matter on this Agenda, in accordance with the [Code of Conduct](#).

RECORDING OF VOTING ON PLANNING MATTERS

Clause 375A of the Local Government Act 1993 – Recording of voting on planning matters

- (1) In this section, **planning decision** means a decision made in the exercise of a function of a council under the Environmental Planning and Assessment Act 1979:
 - (a) including a decision relating to a development application, an environmental planning instrument, a development control plan or a development contribution plan under that Act, but
 - (b) not including the making of an order under that Act.
- (2) The general manager is required to keep a register containing, for each planning decision made at a meeting of the council or a council committee, the names of the councillors who supported the decision and the names of any councillors who opposed (or are taken to have opposed) the decision.
- (3) For the purpose of maintaining the register, a division is required to be called whenever a motion for a planning decision is put at a meeting of the council or a council committee.
- (4) Each decision recorded in the register is to be described in the register or identified in a manner that enables the description to be obtained from another publicly available document and is to include the information required by the regulations.
- (5) This section extends to a meeting that is closed to the public.

OATH AND AFFIRMATION FOR COUNCILLORS

Councillors are reminded of the oath of office or affirmation of office made at or before their first meeting of the council in accordance with Clause 233A of the Local Government Act 1993. This includes undertaking the duties of the office of councillor in the best interests of the people of Byron Shire and the Byron Shire Council and faithfully and impartially carrying out the functions, powers, authorities and discretions vested under the Act or any other Act to the best of one's ability and judgment.

BYRON SHIRE COUNCIL

BUSINESS OF MEETING

1. APOLOGIES

2. DECLARATIONS OF INTEREST – PECUNIARY AND NON-PECUNIARY

3. ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

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4. STAFF REPORTS

Sustainable Environment and Economy

- 4.1 Community Education Strategy and Review of Flood Options - Project
Introduction..... 16
- 4.2 Byron Bay Drainage Upgrade - Project Update 21

BYRON SHIRE COUNCIL

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

3.1

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

Report No. 3.1 Adoption of Minutes from previous meeting


Directorate: Infrastructure Services

5 **File No:** I2023/1369

RECOMMENDATION:

10 **That the minutes of the Floodplain Management Advisory Committee Meeting held on 16 May 2023 be confirmed.**

Attachments:

15 1 Minutes 16/05/2023 Floodplain Management Advisory Committee, I2023/718 , page 10  

Report

The attachment to this report provides the minutes of the Floodplain Management Advisory Committee Meeting of 16 May 2023 .

5

Report to Council

The minutes were reported to Council on

Comments

10

In accordance with the Committee Recommendations, Council resolved the following:

23-270 Resolved that Council does not adopt Committee Recommendation(s) 4.2 as shown in the attachment to this report, but instead adopts the Management Recommendation:

Report No. 4.2 North Byron Sky Pump Proposal

Committee Recommendation 4.2.1

That the Flood Advisory Committee recommends Council support the scope of the North Byron Sky Pumps Proposal with the following changes:

1. That there be four scenarios namely:
 - a) 100-year rainfall with 20-year ocean level;
 - b) 20-year rainfall with 100-year ocean level;
 - c) 20-year rainfall with 20-year ocean level;
 - d) 100-year rainfall plus 100-year Climate change with 20-year ocean level plus 100-year Climate Change
2. That the locations change:
 - a) North of sports field at New Brighton (153.5503, -28.5063).
 - b) South of levee at SGB (154.5499, -28.4984).
 - c) Remnant dredged channel from 1970s in Billinudgel Nature Reserve (intersects remnant channels) (153.5506, -28.4856).

Management Recommendation

The above scenarios a) to d) do not allow for a potential east coast low that could hit the region bringing 100 year rain with 100 year ocean levels. Further scenario c) is a minor event when compared to 100 year events and is not really relevant to this investigation.

It is recommended that scenario c be changed to '100-year rainfall with 100-year ocean level;'.

Recommended resolution:

That Council support the scope of the North Byron Sky Pumps Proposal with the following changes:

1. That there be four scenarios namely:

- a) 100-year rainfall with 20-year ocean level;
- b) 20-year rainfall with 100-year ocean level;
- c) 100-year rainfall with 100-year ocean level;
- d) 100-year rainfall plus 100-year Climate change with 20-year ocean level plus 100-year Climate Change

2. That the locations change:

- a) North of sports field at New Brighton (153.5503, -28.5063).
- b) South of levee at SGB (154.5499, -28.4984).
- c) Remnant dredged channel from 1970s in Billinudgel Nature Reserve (intersects remnant channels) (153.5506, -28.4856).

23-271 Resolved that Council adopts the following Committee Recommendations:

Report No. 4.4 Byron Shire Post 2022 Flood Analysis Update

Committee Recommendation 4.4.1

That the Floodplain Management Advisory Committee recommends Council:

1. Notes the report, the update by DPE and the Floodplain Management Advisory Committee minutes;
2. Expresses its concern at how long this project is taking;
3. Makes the Post-Event Flood Level Survey public, so that:

BYRON SHIRE COUNCIL

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

3.1

- a) It gets checked by those who provided the information, or were flooded, and
 - b) It can be amended where necessary prior to the expensive task of flood modelling;
4. Thanks DPE for funding all the post-event technical analyses; and
 5. Asks DPE to share draft reports as soon as possible with this Floodplain Advisory Committee, including via an Extraordinary Meeting if necessary.

Minutes of Meeting
Floodplain Management Advisory
Committee Meeting

Venue	Conference Room, Station Street, Mullumbimby
Date	Tuesday, 16 May 2023
Time	11.30am



BYRON SHIRE COUNCIL

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

3.1 - ATTACHMENT 1

BYRON SHIRE COUNCIL

FLOODPLAIN MANAGEMENT ADVISORY COMMITTEE MEETING MINUTES 16 MAY 2023

Minutes of the Floodplain Management Advisory Committee Meeting held on Tuesday, 16 May 2023

File No: I2023/718

PRESENT: Cr M Lyon (Mayor)

Staff: Samuel Frumpui (Manager Works)
James Flockton (Infrastructure Planning Coordinator)
Scott Moffett (Flood and Drainage Engineer)
David Filipczyk (Team Leader Bush Regeneration)
Peter Brown (Project Manager Infrastructure Planning)
Dominika Tomanek (Minute Taker)

Committee: Rebecca Brewin, Matthew Lambourne, Robert Crossley.

Visitor: Cristina Chiu, Arcadis (Consultant)

Cr Lyon (Chair) opened the meeting at 11:34 am and acknowledged that the meeting was being held on Bundjalung Country.

ATTENDANCE VIA AUDIO-VISUAL LINK:

Cr C Coorey, Cr D Dey, Catherine Lane, Ziwar Sattouf, Belinda Devine (SES), Martin Rose (Dept of Planning and Environment), Peter Mair (SES)

APOLOGIES:

Phil Holloway (Director Infrastructure Services)

Karl Allen

Steven Harris

DECLARATIONS OF INTEREST – PECUNIARY AND NON-PECUNIARY

There were no declarations of interest.

BYRON SHIRE COUNCIL

FLOODPLAIN MANAGEMENT ADVISORY COMMITTEE MEETING MINUTES 16 MAY
2023

ADOPTION OF MINUTES FROM PREVIOUS MEETINGS

Report No. 3.1 Adoption of Minutes from Previous Meeting
File No: I2023/678

Committee Recommendation:

**That the minutes of the Floodplain Management Advisory Committee Meeting held
on 14 February 2023 be confirmed.** (Dey/Lyon)

The recommendation was put to the vote and declared carried.

BUSINESS ARISING FROM PREVIOUS MINUTES

There was no business arising from previous minutes.

STAFF REPORTS - INFRASTRUCTURE SERVICES

Report No. 4.1 Federation Bridge Debris Control Measures
File No: I2023/651

Committee Recommendation:

**That the Floodplain Advisory Committee notes the attached report, the presentation
and approves the preferred option 3 in accordance with the multi criteria analysis
detailed within attachment 1 (E2023/41906) Federation Bridge Debris Control
Options Assessment.** (Brewin/Lambourne)

The recommendation was put to the vote and declared carried.

BYRON SHIRE COUNCIL

FLOODPLAIN MANAGEMENT ADVISORY COMMITTEE MEETING MINUTES 16 MAY 2023

Report No. 4.2 **North Byron Sky Pump Proposal**
File No: I2023/652

Committee Recommendation:

That the Flood Advisory Committee recommends Council support the scope of the North Byron Sky Pumps Proposal with the following changes:

1. That there be four scenarios namely:
 - a) 100-year rainfall with 20-year ocean level;
 - b) 20-year rainfall with 100-year ocean level;
 - c) 20-year rainfall with 20-year ocean level;
 - d) 100-year rainfall plus 100-year Climate change with 20-year ocean level plus 100-year Climate Change
2. That the locations change:
 - a) North of sports field at New Brighton (153.5503, -28.5063).
 - b) South of levee at SGB (154.5499, -28.4984).
 - c) Remnant dredged channel from 1970s in Billinudgel Nature Reserve (intersects remnant channels) (153.5506, -28.4856).

(Dey/Crossley)

The recommendation was put to the vote and declared carried.

Report No. 4.3 **Byron Drainage Upgrade Strategy**
File No: I2023/653

Committee Recommendation:

That the Floodplain Management Advisory Committee notes the update on the Byron Drainage Upgrade Strategy and seeks updates throughout the project.

(Lyon/Lambourne)

The recommendation was put to the vote and declared carried.

BYRON SHIRE COUNCIL

FLOODPLAIN MANAGEMENT ADVISORY COMMITTEE MEETING MINUTES 16 MAY
2023

Report No. 4.4 **Byron Shire Post 2022 Flood Analysis Update**
File No: **I2023/654**

Committee Recommendation:

That the Floodplain Management Advisory Committee recommends:

- 1. Council notes the report, the update by DPE and the Floodplain Management Advisory Committee minutes;**
- 2. Council expresses its concern at how long this project is taking;**
- 3. Council makes the Post-Event Flood Level Survey public, so that:**
 - a) It gets checked by those who provided the information, or were flooded, and**
 - b) It can be amended where necessary prior to the expensive task of flood modelling;**
- 4. Council thanks DPE for funding all the post-event technical analyses; and**
- 5. Council asks DPE to share draft reports as soon as possible with this Floodplain Advisory Committee, including via an Extraordinary Meeting if necessary.**

(Dey/Brewin)

The recommendation was put to the vote and declared carried.

There being no further business the meeting concluded at 1:40 pm.

BYRON SHIRE COUNCIL

STAFF REPORTS - SUSTAINABLE ENVIRONMENT AND ECONOMY

4.1

JBP will present to the Floodplain Management Advisory Committee to introduce the project and gain feedback from the committee on project elements, data, stakeholders and community engagement.

5

RECOMMENDATION:

10 **That the Floodplain Management Advisory Committee note the commencement of the 'Community Education Strategy and Review of Flood Options' project which focusses on the Northern Byron Shire communities.**

Report

5 Byron Shire recently experienced unprecedented floods in February and March 2022 which impacted many residents in the northern villages (i.e. New Brighton, Billinudgel, Ocean Shores and South Golden Beach). Similar to many flooding events, following a major event there is concern from the community that progress isn't being made in implementing the right mitigation options, regardless of their status as having been investigated or not.

10 The purpose of the project is to address the concerns and requests of the community as related to flood management and mitigation options. The project aims to explore the status of flood mitigation and options to reduce the impact of flooding and to improve community understanding of the work completed to date. It involves peer reviewing existing investigations, analysing mitigation options and their previous modelling (such as dredging and rock wall modifications), engaging with directly affected residents and key stakeholders, and providing community education on the flood modelling process.

15 The project will be conducted through a combination of desktop analysis, literature review, flood modelling peer review, and community engagement initiatives. The ultimate goal is to contribute to the social recovery and well-being of the affected residents by informing them about the issues and potential solutions related to flooding.

Key outcomes of the project are:

- 20
- Improved community and stakeholder understanding;
 - Education on flood risk and flood risk management.

Outputs of the project will be a report that will include:

- 25
- Findings of review of flood studies, options and recommendations as to which options (if any) should progress to further consideration.
 - Findings of stakeholder and community consultation.
 - Any final opportunities or recommendations for further investigations.

JBP Scientists and Engineers has been engaged by Council to deliver the 'Community Education Strategy and Review of Flood Options' project which commenced in June 2023.

30 JBP will be providing a presentation to the Floodplain Management Advisory Committee. the purpose of the presentation is to introduce the project and gain feedback from the committee on project elements, data, methods for community education and engagement and any other concerns/feedback/comments on the project.

Next steps

35 The Floodplain Advisory Management Committee will be updated as the project progresses. Committee members will be provided an opportunity to be further involved during the later stage of the project at an options workshop (date not yet confirmed).

Strategic Considerations

Community Strategic Plan and Operational Plan

CSP Objective	CSP Strategy	DP Action	Code	OP Activity
3: Nurtured Environment	3.3: Protect the health of coastline, estuaries, waterways, and catchments	3.3.2: Floodplain management - Mitigate the impact of flooding on private and public property	3.3.2.3	Floodplain Risk Management Committee coordination

5 Legal/Statutory/Policy Considerations

The study will align with the framework established by the NSW Floodplain Development Manual and national best practice as outlined in the Australian Institute for Disaster Resilience Handbook 7: Managing the floodplain: best practice in flood risk management in Australia (AIDR, 2017).

10 Financial Considerations

This is a grant funded project comprising consultancy fees only of \$37,940 (excl. GST).

Consultation and Engagement

A Community and Stakeholder Engagement Plan (CSEP) has been developed for the project for implementation. The CSEP aims to collate community and stakeholder concerns and ideas and address all concerns after reviewing management options and data. The CSEP considers different approaches to communications and engagement, following the IAP2 Public Participation Spectrum. The key outcomes of the project is improved community and stakeholder understanding and education on flood risk and flood risk management, as such the below is proposed:

- 20 • Council Staff/DPE representatives are given a steering role (Empowered).
- Council’s Advisory Committees are *Involved*, particularly through our community and stakeholder workshop.
- The community is *Involved* within the project. This is deliberately not at a level that would allow their request for new mitigation scenarios to be tested without checks from flood engineers to ensure they are viable; however, it will ensure they are a focus on this project.

BYRON SHIRE COUNCIL

STAFF REPORTS - SUSTAINABLE ENVIRONMENT AND ECONOMY

4.1

Report No. 4.2 Byron Bay Drainage Upgrade - Project Update

Directorate: Sustainable Environment and Economy

Report Author: Steve Twohill, Flood and Drainage Engineer

5 **File No:** I2023/980

Summary:

The Byron Bay Drainage Upgrade Strategy is a Floodplain Management Measure in the Council adopted Belongil Creek Floodplain Risk Management Plan (2015).

10 The project is funded by the "Preparing Australian Communities" grant to develop the drainage strategy through Concept Design to Detailed Design. Essentially developing a construction ready project.



This report provides a status update for the project.

15

RECOMMENDATION:

That the Floodplain Management Advisory Committee notes the update on the Byron Drainage Upgrade Strategy.

20 **Attachments:**

1 Byron Bay Drainage Upgrade Strategy - Proof of Concept Review Report by Engeny, E2023/35297 , page 28  

25

Report

5 The Byron Bay Drainage Upgrade Strategy is a Floodplain Management Measure in the Council adopted Belongil Creek Floodplain Risk Management Plan (2015). The project is funded by the "Preparing Australian Communities" grant to develop the drainage strategy through Concept Design to Detailed Design. Essentially developing a construction ready project.

The project has three (3) proposed stages that make up the Byron Bay Drainage Upgrades. They can be delivered separately or together as follows:

- 10 • Town Centre – Includes upgrades of the gravity drainage system within the town centre.

- Shirley Street – Includes construction of the town's main pump station, a levee protecting the properties of the Shirley Street area from regional flooding and installation of flood pumps to cater for local drainage within the leveed area.

- 15 • Cowper Street – Includes construction of a flood storage basin (Sandhills wetland) and upgrades to Cowper Street pipe outlet to Clarkes Beach. It also includes upgrades to cross drainage linkages between the Town Centre drainage, Cowper Street trunk drainage and possible flood pump. (The Sandhills Wetland can be
20 delivered separately to the peripheral works).

BYRON SHIRE COUNCIL

STAFF REPORTS - SUSTAINABLE ENVIRONMENT AND ECONOMY

4.2

There are five (5) stages to deliver the detailed design of the drainage upgrades. The scope, status, dependencies and timeframes are summarised below:

Stage	Scope	Status	Dependencies / Update	Program Timeframe
1	Strategy Review			
	Deliverable: Strategy Review report identifying issues with the current strategy and opportunities for optimisation in concept design	100% Completed	Review is complete and has resulted in the original concept being generally fit for purpose. A copy of the outcomes report is provided at attachment 1.	14/4/2023
2	Detailed Survey of project area			
		100% Completed	All accessible surface and pipe inverts have been collected. A small amount of inaccessible pits will be collected as part of the pot holing process to collect below ground utilities information.	30/4/2023
3	Concept Design of drainage upgrades			
3a	Deliverable: Draft Concept Design Drawings and report including flood modelling results and mapping	70%	Concept design process is well underway. Works are delayed beyond the program timeframe due to delays in completing the detail survey. Adoption of the concept design is not currently delayed.	25/8/2023
3b	Councillor Workshop	0%	Project review and general concept	Planned date

BYRON SHIRE COUNCIL

STAFF REPORTS - SUSTAINABLE ENVIRONMENT AND ECONOMY

4.2

			discussion	July 2023. Now programmed for 6 th October 2023
3c	Deliverable: Final Concept Design Drawings and report	0%	Draft Review and milestone Meeting with Technical Staff	11/9/2023
3d	Report to Council General Meeting Council Adoption of Concept Design	0%	Finalisation of Concept Design	Oct 2023
4	Environmental Assessment			
	Deliverable: Environmental studies, documentation and proposed approvals	0%	Identification of planning and regulatory pathways (Note that timing will vary depending on specialist studies and need for EIS) Finalise Concept Design	6/11/2023
5	Detailed Design			
	Deliverable: Construction drawings and specifications	0%	Council adoption of concept design Pot holing to obtain utility depths Environmental assessments and approvals Electrical design and Essential Energy approvals (for pump stations)	26/3/2024

Key issues

The project scope overlaps with several other Council projects currently in progress and future masterplan projects. The drainage design upgrades will need to integrate with:

- 5 • Sandhill’s Wetland – The detailed design of the Sandhills Wetland is complete, and EIS is currently being prepared.

- 10 • Road Reconstruction projects - Including the underground drainage upgrades with road reconstruction / renewals is the best delivery method for Council. It benefits the community by minimising disruption and avoids the costs associated with temporary works or reinstatement costs that would be necessary if drainage works were solely undertaken separately from road works.

- 15 • The detailed design of the drainage upgrades will cover the necessary underground works required within the footprint of the Lawson Street and Byron Street Road reconstruction projects currently in Councils Capital Works program.

- 20 • Consultant Engeny will work with the Place Manager for Byron Bay to develop a civil works scoping report for locations where the road and footpath shape will likely remain unchanged or changed. The locations where change is warranted or planned would be the higher priority for full street upgrades. This reporting will help guide full street upgrade designs that need to be prepared.

- 25 • The Clarks Beach Master Plan is about to commence on Main Beach reserve and will need to include any upgrade works that will be required to the Cowper Street Outfall. This is in the early stages and will be a point of discussion at steering committee meetings.

- 30 • Byron Bay Town Centre Master Plan -The drainage strategy has also been requested / listed at the next Byron Town Centre Master Plan meeting for a presentation / briefing for early April to coincide with the completion of the Drainage Strategy Review Report.

The contracted program from Engeny planned delivery of detail design in March 2024 ahead of the grant deadline of June 2024. Due to the delays in detail survey collection it is unlikely this deadline will be met. However, delivery within the grant deadline is expected.

35 **Next steps**

- Workshop concept design with Councillors

- Approve concept design

- Continue regular meetings with the internal Project Reference Group
- Commence detail design and community consultation

Strategic Considerations

5 Community Strategic Plan and Operational Plan

CSP Objective	CSP Strategy	DP Action	Code	OP Activity
3: Nurtured Environment	3.3: Protect the health of coastline, estuaries, waterways, and catchments	3.3.2: Floodplain management - Mitigate the impact of flooding on private and public property	3.3.2.5	Undertake survey and concept design for Byron Bay drainage upgrade

Recent Resolutions

- 22-608, 22-573, 22-350

Legal/Statutory/Policy Considerations

10 The Floodplain Development Manual supports the policy and guides councils through the floodplain risk management process. The manual helps councils develop and implement local floodplain risk management plans and outlines the technical assistance provided by the NSW Government.

The manual details the roles and responsibilities of various NSW agencies and includes information on:

- 15
- the preparation of flood studies, floodplain risk management studies and plans
 - floodplain risk management options
 - flood planning levels and areas
 - hydraulic and hazard categorisation
 - emergency response planning.

20 The manual was gazetted in 2005 as the manual relating to the development of flood-labile land for the purposes of section 733 of the *Local Government Act 1993*.

Financial Considerations

The budget for this stage of the project is \$1,280,000.00

- 5 Detailed Design is a provisional item within the contract for Engineering Design and will be subject to final pricing at the completion and adoption of concept design when the scope can be confirmed.

Environmental planning assessments are excluded from the Engeny's engineering design scope and is subject to a separate engagement. Appointment of a planning consultant planned is underway.

- 10 The project is currently projected to be delivered under budget.

Staff are currently seeking funding for the construction stages of the project and will update the committee as opportunities arise.

Consultation and Engagement

- 15 A communication plan has been prepared in consultation with Council's Communications team and is discussed at the monthly internal Project Reference Group meeting.

Community engagement will commence once Council have supported the concept design.



BYRON SHIRE COUNCIL

Byron Bay Drainage Strategy Review

QC2003_002-REP-001-0

4 APRIL 2023

