

GAWLER RIVER FLOODPLAIN MANAGEMENT AUTHORITY

NOTICE OF MEETING

Notice is hereby given pursuant to Clause 6.9 of the Charter that the Ordinary Meeting of the Gawler River Floodplain Management Authority Board has been called for:

DATE: Thursday, 18 April 2019

TIME: 9.45 AM

PLACE: Gumeracha, Torrens Valley Community Centre /Library(Adelaide Hills Council)

A handwritten signature in black ink, appearing to read 'D. Hitchcock', with a long horizontal flourish extending to the right.

David Hitchcock
EXECUTIVE OFFICER

GAWLER RIVER FLOODPLAIN MANAGEMENT AUTHORITY**ORDINARY MEETING****AGENDA****9.45 am Thursday 18 April 2019****Gumeracha, Torrens Valley Community Centre /Library (Adelaide Hills Council)****1. MEETING OF THE BOARD**

- 1.1 Welcome by the GRFMA Chairperson
- 1.2 Present. (Please sign the Attendance Register).
- 1.3 Apologies.
- 1.4 Appointment of Observers.
- 1.5 Declarations of Interest.

2. CONFIRMATION OF MINUTES

- 2.1. GRFMA Ordinary Meeting minutes 07/02/19.....Page 4
- 2.2. GRFMA Special Meeting Minutes 21/03/19.....Page 9
- 2.3. Actions on previous resolutionsPage 12
- 2.4. Matters arising from Minutes.

3. QUESTIONS ON NOTICE

Nil

4. MOTIONS ON NOTICE

- 4.1 Depreciation – Adelaide Plains Council.....Page 14

5. PRESENTATIONS

Nil

6. AUDIT COMMITTEE

- Minutes of meeting held 15/3/19.....Page 15

7. TECHNICAL ASSESSMENT PANEL

No meeting, however a copy of the final draft Dam Failure Consequence report by HARC has been provided to Technical Assessment Panel members for comment. A final report is to be provided to the 13 June 2019 GRFMA Meeting.

8. REPORTS

- 8.1 GRFMA Charter Review.....Page 18
- 8.2 GRFMA Audit Committee Membership.....Page 20
- 8.3 GRUMP (Gawler River UNHARMED Mitigation Project)..Page 22
- 8.4 Financial Report and 2018/19 Budget review..... Page 24
- 8.5 Northern Floodway Project.....Page 26
- 8.6 Levee banks and priorities for improving flood management.....Page 28

8.7 Authority to operate Bank Accounts- Bank SignaturesPage 37
8.8 Landscape SA.....Page 38

9. CORRESPONDENCE

Adelaide Plains Council – GRFMA Business Plan and Budget, application of depreciation to capital assets.

10. CONFIDENTIAL

11. URGENT MATTERS WITHOUT NOTICE

12. NEXT MEETING

Date

Host Council

**Thursday 13 June 2019, The Barossa Council:
Meeting to commence at 9.45am.**

13 CLOSURE

2.1 GRFMA Ordinary Meeting minutes 07/02/19

RECOMMENDATION

That the Minutes of the Gawler River Floodplain Management Authority Board Meeting held 07/02/19 be confirmed as a true and accurate record of that meeting.

Refer to attachment.

M E E T I N G M I N U T E S

Committee **Gawler River Floodplain Management Authority**
Held On **Thursday 7 February 2019 at 9.45 am**
Location **Light Regional Council, Kapunda.**

WELCOME

Mr Ian Baldwin formally welcomed Board Members, Deputy Board Members, Observers and the Executive Officer and opened the 109th meeting of the Board.

PRESENT

*Mr Ian Baldwin, Independent Board Member, Chair
Cr Malcolm Herrmann, Adelaide Hills Council, Board Member
Mr Marc Salver, Adelaide Hills Council, Deputy Board Member
Mr James Miller, Adelaide Plains Council, Board Member
Cr Terry-Anne Keen, Adelaide Plains Council, Board Member
Mayor Bim Lange, Barossa Council, Board Member
Mr Gary Mavrinnac, The Barossa Council, Board Member
Mr Sam Dilena, Town of Gawler, Board Member
Cr Paul Koch, Town of Gawler, Board Member
Cr William Close, Light Regional Council, Board Member
Mr Andrew Philpott, Light Regional Council, Deputy Board Member
Cr Stephen Coppins, City of Playford, Board Member
Mr Greg Pattinson, City of Playford, Deputy Board Member
Mr David Hitchcock, Executive Officer*

GRB 19/01 Observers

Moved: Mr. J Miller Seconded: Cr T Keen

That Cr John Lush, Adelaide Plains Council, be appointed as Observer.

CARRIED

APOLOGIES

*Mr. Brian Carr, Light Regional Council, Board Member
Cr Kelvin Goldstone, Town of Gawler, Deputy Board Member*

GRB 19/02 Minutes of the 13/12/18 GRFMA meeting

Moved: Mr. G Mavrinac

Seconded: Mr. G Pattinson

That the Minutes of the Gawler River Floodplain Management Authority Board meeting as amended, held 13/12/18 be confirmed as a true and accurate record of that meeting.

CARRIED

GRB 19/03 Minutes of the 13/12/18 GRFMA Confidential Meeting

Moved: Mr. J Miller

Seconded: Mr. M Salver

That the Minutes of the Gawler River Floodplain Management Authority Board Confidential Meeting held 13/12/18 be confirmed as a true and accurate record of that meeting.

CARRIED

Cr Paul Koch, entered the meeting at 10am
Mr Sam Dilena entered the meeting at 10.05 am

GRB 19/04 GRFMA Charter Review

Moved: Cr M Herrmann

Seconded: Mr. J Miller

That the GRFMA receive a final Draft GRFMA Charter Review document at the 18/4/19 meeting.

CARRIED

Cr Malcolm Herrmann declared a Material Interest in Item 8.1 Appointment of Audit Committee member as he was the person being considered for appointment and left the meeting 10.07am.

GRB 19/05 Appointment of GRFMA Audit Committee Member

Moved: Mayor B Lange

Seconded: Mr G Pattinson.

That subject to receipt of confirmation from City of Playford, Cr Herrmann be appointed as GRFMA Audit Committee member, Elected Member.

CARRIED UNANIMOUSLY

Cr Hermann returned to the meeting 10.10 am

GRB 19/06 Record of appreciation Mr. D Ellis

Moved: Mr. J Miller

Seconded: Cr. W Close

That the GRFMA note retirement of Mr Des Ellis from the GRFMA Audit Committee and record a vote of thanks and appreciation for his services.

CARRIED

GRB19/07 Public Consultation Policy**Moved Mr. G Mavrinac Seconded: Mr. M Salver****That the GRFMA adopt the Public Consultation Policy as amended****CARRIED**

GRFMA Meeting members noted confirmation of 20 February 2019 as the date for the scheduled bus tour for GRFMA Board Members, Deputy Board Members and interested council members. Members to respond to the Executive Officer with relevant attendee details by Friday 15/2/19.

GRB 19/08 Road Access Bruce Eastick North Para Flood Mitigation Dam**Moved Mr. S Dilena Seconded: Cr. P Koch****That the GRFMA:**

- 1. Note possible additional costs from the accepted quotation reinstatement of the road access (downstream) and repair to the right abutment scour at the Bruce Eastick North Para Flood Mitigation Dam: and**
- 2. Authorises the Executive Officer to undertake the works within variation costs not exceeding 15%.**

CARRIED**GRB 19/09 Financial report****Moved Mr. M Salver Seconded: Mr G Mavrinac****That the GRFMA receive:**

- 1. The financial report as at 31 January 2019 showing a balance of total funds available of \$122,807.16; and**
- 2. The 2018/19 Budget works program update**

CARRIED

Mayor Bim Lange left the meeting at 10.45am

GRB 19/10 Draft GRFMA Business Plan 2019-2022 and 2019/20 Draft GRFMA Budget**Moved Mr. S Dilena Seconded: Mr. J Miller****That the GRFMA:**

- 1. Note the report;**
- 2. Adopts the 2019-2022 draft GRFMA Business Plan and draft 2019/20 GRFMA Budget documents as amended; and**
- 3. Following receipt of Constituent Council feedback considers adoption of the GRFMA draft Business Plan and Annual Budget at the June 2019 meeting.**

CARRIED

Amendments related to the Business Plan included:

- Noting feasibility of raising the height of the Bruce Eastick Dam is still a strategic consideration;
- Consideration of renaming or a better description for the Gawler River Scheme Mark 2; and
- checking the noted year dates in the footer.

Amendment to the Draft Budget was to provide adjustment of Administration of the GRFMA Member Subscriptions to \$145,000 to reflect additional Consultancy cost provision of \$28,715.

The meeting adjourned at 11.15 am

The Chairperson welcomed Mr B Sloane, Mr D Davey and Mr D Ellis to the meeting morning tea, as invited, noted their respective contributions to the Authority and expressed a vote of thanks for their service.

The meeting reconvened at 11. 45 am.

GRB 19/11 Dewater and inspection of the Low-Level Outlet Pipe at the Bruce Eastick Dam

Moved Mr. M Salver Seconded: Mr. G Pattinson.

That the GRFMA accept the quotation of \$14,540 from REMO Contractors for dewater and inspection of the Low-Level Outlet Pipe at the Bruce Eastick North Para Flood Mitigation Dam and authorises the Executive Officer authority to undertake the works within variation costs not exceeding 10%

CARRIED

The correspondence was noted.

Urgent Business without notice.

- BBR Funding timeframes
- A separate bus tour, similar to the 20/2/19 itinerary to be facilitated for other interested key stakeholders at a later date.

Closure of meeting

The Chairperson thanked the Light Regional Council for hospitality as host.

The next Ordinary Board Meeting will be held 9.45 am, Thursday 18 April 2019 at the Adelaide Hills Council, Gumeracha.

Meeting closed 12.05 pm.

Confirmed Chairperson

2.2 GRFMA Special Meeting minutes 21/3/19

RECOMMENDATION

That the Minutes of the Gawler River Floodplain Management Authority Board Special Meeting held 21/3/19 be confirmed as a true and accurate record of that meeting.

Refer to attachment.

S P E C I A L M E E T I N G M I N U T E S

Committee **Gawler River Floodplain Management Authority**

Held On **Thursday 21 March 2019 at 2pm**

Location **City of Playford, Playford Boulevard, Elizabeth**

WELCOME

Mr Ian Baldwin formally welcomed Board Members, Deputy Board Members and Observers and opened the 110th meeting of the Board.

PRESENT

Mr Ian Baldwin, Independent Board Member, Chair
Mr Marc Salver, Adelaide Hills Council, Deputy Board Member
Mr Gary Mavrinc, The Barossa Council, Board Member
Cr Stephen Coppins, City of Playford Council, Board Member
Mr Greg Pattison, City of Playford Council
Mr James Miller, Adelaide Plains Council, Board Member
Cr Terry Anne Keen, Adelaide Plains Council, Board Member
Mr Andrew Philpott, Light Regional Council, Deputy Board Member
Cr Paul Koch, Town of Gawler, Board Member
Mr. Ben DeGilio, Town of Gawler Deputy Board Member
Mr David Hitchcock, GRFMA Executive Officer

APOLOGIES

Cr Malcolm Herrmann, Adelaide Hills Council, Board Member
Cr William Close, Light Regional Council, Board Member
Mr. Sam Dilena, Town of Gawler, Board Member
Cr Kelvin Goldstone, Town of Gawler, Deputy Board Member
Mayor Bim Lange, The Barossa Council

GRB 19/12 Observers

Moved: Mr. J Miller Seconded: Mr. Cr. T Keen

That Cr John Lush, Deputy Board Member, Adelaide Plains Council, be appointed as Observer.

CARRIED

The Chair advised that the purpose of the meeting was to consider alteration to the draft 2019/20 GRFMA Budget in relation to the Inspection report on condition of the Lower Level Outlet Pipe and Stilling Basin at the Bruce Eastick North Para Flood Mitigation Dam.

Declarations of Interest

The Chairperson noted the proposed item for discussion and sought any declarations of interest from members – Nil

GRB 19/13 Draft 2019/20 GRFMA Budget

Moved: Mr. J Miller Seconded: Mr. G Mavrinnac

That the GRFMA Board:

- 1. Receive and note the report;**
- 2. Endorse amendment of the draft 2019/20 GRFMA Budget to include the amount of \$70,000 capital works for repair to the Lower Level Outlet Pipe and Stilling Basin at the Bruce Eastick North Para Flood Mitigation Dam;**
- 3. Instruct the Executive Officer to investigate the failures identified in the SMEC report and seek a costing to commission the analysis of the design specification and execution of the works at the time of dam construction surrounding the lower level outlet pipe and stilling basin.**
- 4. That a report be brought back to the Authority on the likelihood of seeking recompense under any warranty or insurance claim, or any other claim against the constructor(s) that constructed the dam.**
- 5. Endorse the allocation (by way of a budget variation) of \$8,000 from the 2018/19 budget to commission investigations and seek recommendations on the repair of the stilling basin.**
- 6. Request the Executive Officer to provide a copy of the amended draft Budget to constituent councils, by 31 March 2019, for consideration and approval; and**
- 7. Following receipt of constituent council feedback considers adoption of the GRFMA draft Business Plan and Annual Budget at the June 2019 meeting.**

CARRIED UNANIMOUSLY

Closure of meeting The Chairperson thanked Board Members for their considered discussion and contributions and also thanked the City of Playford for hospitality as host and noted the next Ordinary Board Meeting will be held held 9.45 am, Thursday 18 April 2019 at Gumeracha, Adelaide Hills Council

Meeting closed 3.00 pm.

Confirmed Chairperson

2.3 Actions on Previous Resolutions

Number	Resolution	Action
18/07	<p>That the GRFMA:</p> <ol style="list-style-type: none"> 1. Receive the report; 2. Supports proposed development of a Levee Bank Management (Gawler River Floodplain) information and guideline document by the Adelaide & Mt Lofty Ranges Natural Resources Management Board (AMLRNRMB); 3. Requests the Executive Officer to initiate a meeting with Constituent Council planning and engineering staff and AMLRNRMB staff to facilitate adoption of: <ol style="list-style-type: none"> a. a suitable and consistent Development Consent process (where appropriate) for applications for approval to undertake construction and maintenance of levee banks; and b. approved Best Practice Operating Procedures under the relevant Natural Resources Management Plans. 	<p>Natural Resources AMLR are currently doing some preliminary investigations into a CRP for levee banks and other water affecting activities as part of the policy review.</p> <p>With the NRM Reform process it's difficult to give a firm indication of timelines</p>
18/44	<p>That the GRFMA:</p> <ol style="list-style-type: none"> 1. Receive the report; and 2. Revisit the matter of maintenance and renewal funding of assets pending a further report on asset management planning to be provided by December 2018. 	<p>Pending completion of the Dam Break Consequences Assessment currently underway.</p>
19/04	<p>That the GRFMA receive a final Draft GRFMA Charter Review document at the 18/4/19 meeting.</p>	<p>Refer Agenda Item 8.1</p>
19/08	<p>That the GRFMA:</p> <ol style="list-style-type: none"> 1. Note possible additional costs from the accepted quotation reinstatement of the road access (downstream) and repair to the right abutment scour at the Bruce Eastick North Para Flood Mitigation Dam; and 2. Authorises the Executive Officer to undertake the works within variation costs not exceeding 15%. 	<p>Works completed with 10% cost variation</p>
19/10	<p>That the GRFMA:</p> <ol style="list-style-type: none"> 1. Note the report; 2. Adopts the 2019-2022 draft GRFMA Business Plan and draft 2019/20 GRFMA Budget documents as amended; and 3. Following receipt of Constituent Council feedback considers adoption of the GRFMA draft Business Plan and Annual Budget at the June 2019 meeting. 	<p>To be presented at 13/6/19 Meeting</p>
19/11	<p>That the GRFMA accept the quotation of \$14,540 from REMO Contractors for dewater and inspection of the Low-Level Outlet Pipe at the Bruce Eastick North Para Flood Mitigation Dam and authorises the Executive Officer authority to undertake the works within variation costs not exceeding 10%</p>	<p>Completed at quoted cost - Refer Agenda Item 8.3</p>

19/13	<p>That the GRFMA Board:</p> <ol style="list-style-type: none"> 1. Receive and note the report; 2. Endorse amendment of the draft 2019/20 GRFMA Budget to include the amount of \$70,000 capital works for repair to the Lower Level Outlet Pipe and Stilling Basin at the Bruce Eastick North Para Flood Mitigation Dam; 3. Instruct the Executive Officer to investigate the failures identified in the SMEC report and seek a costing to commission the analysis of the design specification and execution of the works at the time of dam construction surrounding the lower level outlet pipe and stilling basin. 4. That a report be brought back to the Authority on the likelihood of seeking recompense under any warranty or insurance claim, or any other claim against the constructor(s) that constructed the dam. 5. Endorse the allocation (by way of a budget variation) of \$8,000 from the 2018/19 budget to commission investigations and seek recommendations on the repair of the stilling basin. 6. Request the Executive Officer to provide a copy of the amended draft Budget to constituent councils, by 31 March 2019, for consideration and approval; and 7. Following receipt of constituent council feedback considers adoption of the GRFMA draft Business Plan and Annual Budget at the June 2019 meeting. 	<p>Completed</p> <p>In progress</p> <p>Pending 3</p> <p>Not progressing due to sludge in basin</p> <p>Completed</p>
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4.1 Motion on Notice- Depreciation. Adelaide Plains council

RECOMMENDATION

That the GRFMA receive the Motion on Notice from the Adelaide Plains Council.

The Adelaide Plains Council has resolved to request placement of the following Notice of Motion to the 18/4/19 GRFMA Ordinary Meeting.

The Gawler River Floodplain Management Authority principles as they apply to depreciation (renewal fund) be managed to note depreciation but not to fund it. The principle be applied to the asset management plan for the Bruce Eastick Dam and the Northern Floodway project.

6 GRFMA Audit Committee Meeting minutes 15/3/19

RECOMMENDATION

That the Minutes of the Gawler River Floodplain Management Authority Audit Committee Meeting held 15/3/19 be confirmed as a true and accurate record of that meeting.

Refer to attachment.

M I N U T E S

Committee **GRFMA Audit Committee**

Held On **10.15am Friday 15 March 2019**

Location **Meeting Room, LGA House 148 Frome Street, Adelaide**

PRESENT

Mr Peter Brass, Independent Member, Chair
 Mr Greg Pattinson, City of Playford
 Cr Malcolm Herrmann, Adelaide Hills Council (1st meeting as newly appointed member)
 Mr David Hitchcock, Executive Officer

APOLOGIES

Nil.

GAC19/01 Minutes 10 December 2018

Moved: Mr. Pattinson Seconded: Mr. P Brass

That the minutes of the previous GRFMA Audit Committee meeting held on Monday 10 December 2018 as per copies supplied to members be adopted as a true and correct record of that meeting.

CARRIED

GAC 19/02 External Audit Services
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Moved: Cr. M Herrmann Seconded: Mr. G Pattinson

That the GRFMA Audit Committee:

- 1. Request the Chairperson and Executive Officer to undertake a formal assessment and review of current external audit services performance;**
- 2. Request the Executive Officer to seek requests for quotation of external audit services from three suitable Audit firms; and**
- 3. Receive a recommendation report on outcomes from actions 1 and 2 above at the 3 June 2019 meeting.**

CARRIED

GAC 19/03 2018/19 Budget Review and the 2019– 2020 Draft Budget and 2019 – 2022 Business Plan
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Moved: Mr. Pattinson Seconded: Cr. M Herrmann

That the GRFMA Audit committee note:

1. The report and draft 2019/2022 GRFMA Business Plan and draft 2019/2020 budget document as amended;
2. Budget Review Profit and Loss Budget Analysis Documents for January 2019; and
3. The 21/3/19 GRFMA Special Meeting of the Board proposes to discuss possible further variations to the 19/20 draft Budget and 19/22 draft Business Plan and this may result in changes to the documents as noted.

CARRIED

The meeting noted it would be beneficial to include the proposed 19/20 Budget as an appendix of the 19/22 Business Plan and that wording in the Business Plan will need to be amended vide the unsuccessful Building Better Regions - Norther Floodway project application.

The meeting welcomed the GRFMA External Auditor, Mr. Corey McGowan, Partner HLB Mann Judd (HLBSA) to present on the Audit Strategy for the year ended 30 June 2019.

GAC 19/04 Audit Strategy 30 June 2019

Moved: Mr. Pattinson Seconded: Cr. M Herrmann

That the GRFMA Audit Committee:

1. Receive the Audit Strategy for the year ended 30 June 2019; and
2. Request the Executive Officer to facilitate revaluation of the Bruce Eastick North Para Flood Mitigation Dam by 30/6/19

CARRIED

Audit Committee meeting schedule 2018/19

Schedule	Detail	Action
13 August 2018	Annual Financial Statements – Audit report; 2018/19 Budget Review - Auditor to attend	Completed
10 December 2018	Operation of the Regional Subsidiary- Part D Business Plan	Completed
15 March 2019	Annual Budget and Business Plan Review; Audit Schedule	Completed
3 June 2019	Annual cost estimates and budget variations consideration; Policy Review- External Audit Review	
9 August 2019	Annual Financial Statements – Audit report; 2018/19 Budget Review - Auditor to attend	
December 2019	Operation of the Regional Subsidiary- Part D Business Plan	

NEXT MEETING

To be held on 3 June 2019.

CLOSURE

The Chair thanked members for their attendance and the Meeting closed at 11.30am

Chair _____ Date _____

8.1 GRFMA Charter Review

RECOMMENDATION

That the GRFMA

1. Receive the final Draft GRFMA Charter Review document for discussion; and
2. Subject to amendments proposed that a copy of the final draft GRFMA Charter Review document be provided to constituent councils for comment and support.

The GRFMA Charter Review Working Group have now substantively completed the draft GRFMA Charter document and are now seeking GRFMA Board feedback on the proposed document.

Legal review comments from Norman Waterhouse Lawyers (via the City of Playford in facilitating the legal review on behalf of the GRFMA) have also been incorporated in the document.

In addition to a general view of support or otherwise for the proposed draft Charter document (subject to constituent council approval) specific Board Member comment is sought in relation to:

Clause	Detail	Action	Comment
General	What extent of Direction or Regard, within the Charter, should the GRFMA have in relation to Development Application referrals from Councils	Board to consider	
3.1	Purpose and Functions of the Authority	Board to consider	Should the Authority be a referral body for any activities undertaken by Councils within the Gawler River Floodplain?
4.3.11	New options Board Members <ul style="list-style-type: none"> o Council CEO plus Deputy and Elected Member plus Deputy o Council CEO or nominee and Elected Member plus Deputy 	Board to consider	
4.4	Amended clause 4.4 (previously clause 4.5) relating to the Chairperson on the following basis: <ul style="list-style-type: none"> • The Constituent Councils will appoint the Chairperson for a term of up to three years and on such terms and conditions as determined by the Constituent Councils. The Authority may at the expiry of the Chairperson's first term of office as Chairperson appoint the Chairperson for a further term of up to three years on the same terms and conditions as the Chairperson's original appointment. This proposed amendment does not deal however with a Chairperson being appointed for a third term or any term thereafter.	Board to consider	Consider if Board wish to limit a Chairperson to two consecutive terms only and if not, the mechanism for appointing a Chairperson for a third (and subsequent) term, i.e. Constituent Councils or the Authority;
8.4.2	In respect of an overdraft facility or facilities up to a maximum amount of \$#####; or	Board to consider	Working group view was the amount should be \$100,000. Board to consider the amount
8.5.2	In respect of borrowings (not overdraft) Options <ol style="list-style-type: none"> 1. Must be drawn down within a period of ## months from the date of approval 2.. Must be drawn down within a period as determined by the Board in respect of that project 	Board to consider	Working group view is to go with Option 2 i.e. in period determined by the Board for the specific project.

General	Options for representatives from Other Agencies on the Board Clause 20 of Schedule 2, Part 2 of the Act provides that subject to the charter of a subsidiary, the membership of a board of management of a regional subsidiary will be determined by the constituent councils and may consist of or include persons who are not members of a council.	Board to consider	It is possible for the Constituent Councils to appoint to the Board of the Authority persons from external bodies or agencies including State government.
General	Removal of a Board Member Including Chairperson Clause 20(3) of Schedule 2, Part 2 of the Act sets out the circumstances in which the office of a board member becomes vacant. One of those circumstances is if the board member is removed from office by the constituent councils	General Advice	It is not possible for the Authority to remove a Board Member (including the Chairperson) from office and this would need to be a decision and power exercised by the Constituent Councils.
General	Addition of New Members The Authority is a regional subsidiary established pursuant to Section 43 of the Act. Section 43 of the Act enables two or more councils to establish a regional subsidiary. Clause 29 of Schedule 2, Part 2 of the Act provides that a council may with the approval of the Minister become a constituent council of a regional subsidiary.	General Advice	It is not possible for an entity not being a council to become a constituent council of a regional subsidiary. A regional subsidiary may only be established by councils. However, a regional subsidiary may enter into agreements including joint ventures with entities not being councils provided its charter allows it to.

Key policy and operational changes as a result of the newly drafted Charter proposals.

Clause	Proposed change
1.2	Provision of Definitions
3.1.4	New wording to facilitate sustainable outcomes to ensure a proper balance between economic, social, environmental and cultural considerations.
4.3.11	New options to identify Board and Deputy Board Members.
4.5.1	New process for appointment of Chairperson three-year term.
6.	Reworded and reorganised to reflect Role and Functions and provision for a new Code of Practice for Meeting Procedures
7.2	Clarifies obligations of the Authority in regards to Register of Interest and Related Party Disclosures
8.4.2	Sets limit of overdraft facility.
8.5.2	Provides direction on draw down of loan funds.
9.4.1 and 9.4.2	Establishment of Committees - Provides opportunity for more than one independent Audit Committee member and term of appointment.
11.1	Requires separate funding agreement with constituent councils where capital or maintenance cost exceed \$1 Million in any one year.
12	Provision for Annual Business Plan and Annual Budget - clarification that Council approve the Budget as a whole.
13	New Management Framework requiring a Long-Term Financial Plan, a Strategic Plan and an Asset Management plan as well as annual budget.
21	Clarifies dispute resolution process between Authority and one or more constituent councils.
23.3	No change to financial contributions by constituent councils NOTE Depreciation falls within the scope of the Authorities operational costs.
24	New identification of non-derogation and Direction by constituent councils.

See attached for a “clean “version of the proposed Draft Charter document and a track change version.

8.2 GRFMA Audit Committee Membership

RECOMMENDATION

That the term of appointment of GRFMA Audit Committee membership for Mr. Peter Brass and Mr. Greg Pattinson be extended until 30/06/20.

In accordance with part 4A(3) of the Local Government (Financial Management) regulations, a regional audit committee: must have between 3 and 5 members (inclusive); must include at least 1 person who is not a member of the board of management of the regional subsidiary and who is determined by the constituent councils to have financial experience relevant to the functions of the audit committee; may include members who are members of a constituent council and must not include, as a member, the auditor of the subsidiary under Part 5 of the Local Government Act 1999.

Membership to the GRFMA Audit Committee comprises:

1. Membership of three persons
2. One person who is an independent person, and who is determined by the constituent councils to have financial experience relevant to the functions of the audit committee. This person shall also be the Committee Chair.
3. Two persons who may be a GRFMA Board Member or a member of a constituent Council or an officer of a constituent council and have experience relevant to the functions of the audit committee.

The process for appointment of Officers to the committee and filling of casual vacancies will be through a call for written nominations from suitable individuals with skills, interest and experience relevant to the committee.

The Board will assess all nominations against the membership criteria.

The Board will recommend persons who meet the membership criteria for approval to form, and fill casual vacancies, to membership of the Committee.

The Board will submit recommendations to the constituent councils for approval pursuant to Section 30(3) Section 2 Part 2 of the Local Government Act 1999.

The Board may remove a member from the Committee on the grounds that he or she has been absent without leave from three or more consecutive meetings, or is not performing duties as required within the purpose of this Committee.

Members shall be appointed for a two-year term and may be reappointed.

At the 15/6/17 GRFMA meeting the following persons were appointed to the GRFMA Audit Committee for a period of two years.

- Independent Chair Mr Peter Brass
- Member (Elected), Cr Des Ellis (Light Regional Council)
- Member (Officer), Mr Greg Pattinson (City of Playford)

Cr Des Ellis resigned in November 2018 and following that vacancy Cr Malcolm Herrmann (Adelaide Hills Council) has now been appointed for a period of two years (until 30/6/2021).

The term of office of the two other current members expires on 30/6/19.

Ordinarily a process of action would be undertaken, in accordance with the GRFMA Audit Committee Terms of Reference (extracts as above), to facilitate continuity of the committee and appropriate appointment of membership from 1/7/2019 until 30/6/2021.

However, the current GRFMA charter review process, see Agenda item 8.1, includes the following proposed change to Audit Committee membership:

The Audit Committee shall be composed of no more than three members of whom at least one shall be a person who is not a member of the Board (“Independent Member”).

This proposal provides for more than one independent member.

On the basis that the charter review process is nearing completion and subject to their consent, it is recommended the term of GRFMA Audit Committee appointment for Mr. Peter Brass and Mr. Greg Pattinson be extended until 30/06/20.

This should facilitate suitable time to complete the charter process and then subsequently undertake relevant membership expressions of interest.

This is considered a better option than undertaking the process now and then repeating all over again in a short time should Audit Committee membership be changed in the charter review process.

8.3 GRUMP (Gawler River UNHARMED Mitigation Project)

RECOMMENDATION

That the GRFMA Executive Officer liaise with Chief Executive Officer Board Members or delegates to establish representation on the Gawler River UNHARMED Mitigation Project (GRUMP) Project Steering Committee.

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The Integrated decision support tool for understanding and responding to current and future flood risk in the Gawler River catchment is now known as Gawler River UNHARMED Mitigation Project (GRUMP)

The Authority, in partnership with the University of Adelaide, will be seeking to further develop an existing decision support tool (UNHaRMED) to explore how to manage flood risk into the future in an integrated and dynamic approach. This project will consider specific pilot studies (such as proposed Dam raise and Northern Floodway proposal) of analysis and developing a methodology for continued use of the program for integrated planning of flood mitigation actions by GRFMA and providing an example for other local government authorities and floodplain managers in integrated flood risk management supported by integrated risk modelling.

Key Project aims are to:

- Provide a platform for GRFMA constituent councils to compare flood mitigation options over time in an integrated and transparent manner, as the basis for preparing a strategic plan incorporating existing mitigation structures and on-going maintenance and operation for constituent councils and the community.
- Enable this platform to be used to engage the community in decision making, improve risk awareness and resilience and willingness to pay for risk reduction depending on risk appetite.
- Integrate social, economic, and environmental risk factors for a broad understanding of the Gawler River Catchment to inform a landscape plan for long-term strategic planning.
- Highlight the role of research and science in local government decision-making and provide an example for similar councils and catchment management authorities across Australia.
- Develop a repeatable process to enable continued use of the project outputs and analysis frameworks for Local Government decision making across South Australia.

Application was previously made to the Natural Disaster Resilience Program (NDRP) Application seeks funding of \$98,980 toward the project.

Refer 7 February 2019 Agenda Item Agenda item 8.6 for further information.

The Honourable Corey Wingard MP, Minister for Police, Emergency Services and Correctional Services has now advised that the NDRP application for \$98,980 was successful.

Following completion of contracts an initial Project Team Meeting was held on 07/03/2019.

As indicated in the organisational chart below the GRFMA Board is the project principal with a Project Steering Group to be established to provide policy direction. A project team lead by the University of Adelaide will undertake delivery of outcomes required.

The Project application provides for all six constituent councils to be represented on the Project Steering Committee.

It is recommended GRFMA Project Steering Committee members be selected from the relevant constituent council Chief Executive Officer delegates with suitable skills in relation to executive policy, planning/development and strategic infrastructure management. This will facilitate council management perspectives and objectives to be invested into the Project Steering Group with subsequent review and progress reports to be considered by the GRFMA Board.

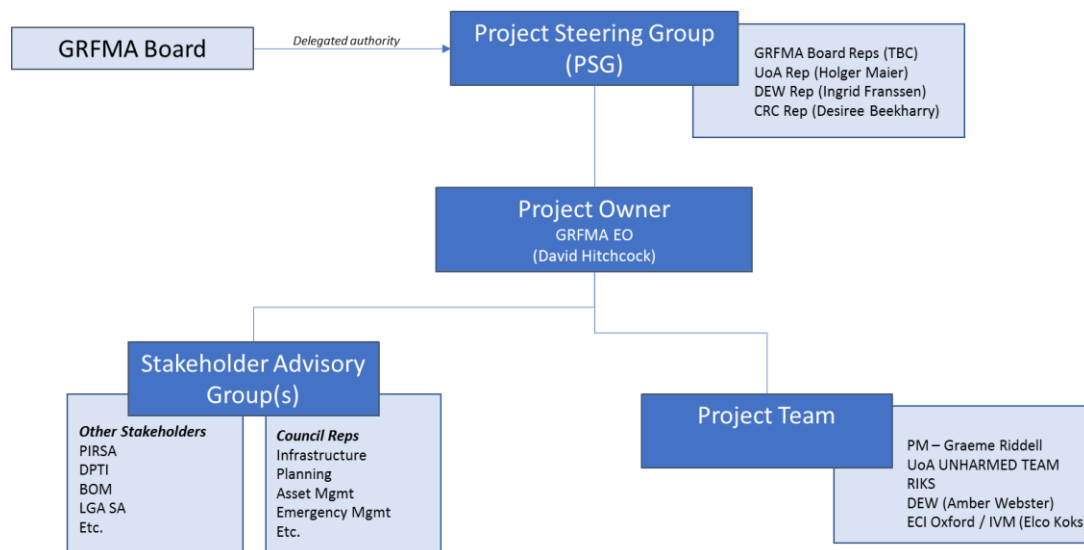
Other relevant constituent council staff representatives will be invited to the proposed Stake Holder Advisory Group workshops

The first meeting of the Project Steering Committee has been scheduled for **9.30 am -12.30pm Wednesday 1 May 2019**. Venue Department Environment and Water, Level 8, 81 – 95 Waymouth Street, ADELAIDE SA

The purpose of the meeting aims to:

- Bring the stakeholder group together,
- Discuss the project,
- Identify potential risk reduction actions and values to be considered within the assessment,
- Discuss assessment methodology and identify relevant data / information sources.

GRUMP Organisation chart.



8.4 Financial Report

RECOMMENDATION

That the GRFMA:

- 1. Receive the financial report as at 31March 2019 showing a balance of total funds available \$100,390.62; and**
- 2. Adopt the Budget Review documents March 2019 for the 2018/19 financial year.**

Attachments:

- Reconciliation to 31/3/19;
- Profit and Loss Budget Analysis and Balance Sheet to 31/3/19 and Profit and Loss Budget Analysis to 30/6/19; and

Tabled below

- Executive Officer Activities report; and
- 2018/19 Budget Works update

Activity	Dec	Jan	Feb	Mar
To keep maintained the business office of the Authority	9.5	13	7.5	3
To prepare the Business Plan, Budgets and reports in a timely manner		11.5	4.5	4
To liaise with Councils, and Stakeholders to foster the outcomes of the Business Plan	6.5	15.75	19	11.5
To attend all meetings of the GRFMA, to prepare agendas, minutes and correspondence as required.	20.75	2	12	14
TOTAL	36.15	42.25	43	32.5

2018/19 Budget works update

Item Number	Action	Priority	18/19 Budget Estimate	Actual cost	Difference	Amended Budget	Status
1	Detailed Consequence Assessment for the Dam to be undertaken	High A	\$40,000	\$38,360	(\$1640)	\$38,360	In progress and on time for completion
2	Discovery of existing Dam construction plans, inspections and monitoring reports		\$2,000	Nil	(\$2000)	Nil	Discovery /Found on file
3	Dewater and inspection of low-level outlet	High B	\$8,000	\$14,540	\$6,540	\$14,540	Completed
	Repairs to LLOP and stilling Basin						Not till 19/20
4	Preparation of a Dam Safety Emergency Plan	High C	\$15,000			Nil	Move to LLOP repair
5	Access tracks to be reinstated or provided	High D	\$50,000	\$55,486	5,486	\$55,486	Completed
****	Cartage of fill			\$10,000	10,000	\$9,454	Completed
6	Survey monuments on the Dam to be surveyed.	Moderate A	\$5,000	\$5,000		\$5,000	In progress – completion March 2019
7	Program of Dam Inspections be initiated and recorded	Moderate B	\$10,000	\$0		Nil	Deferred to 19/20 Budget so as to provision for overbudget costs Access track and LLOP work
8	Right abutment scour to be repaired	Moderate C	\$20,000	\$20,000	0	\$20,000	Completed
	2018/19 Budget		\$150,000	\$143,386			
	Amended Budget					\$142,840	

8.5 Northern Floodway Project.

RECOMMENDATION

That the GRFMA:

- 1. Reaffirm support to progress the Northern Floodway Project on the basis of firstly securing commitment from Federal and State Governments to fund in totality all capital costs, including the further design and development costs associated with the project: and**
- 2. Endorse the Chairperson and Executive Officer initiating a program to lobby for political support for funding of the project in the lead up to the 18 May 2019 Federal Government election.**
- 3. Request the Executive Officer to seek feedback from the Department of Industry, Innovation and Science in relation to the GRFMA BBR application.**

On the 15/11/18 the Gawler River Floodplain Management Authority, with support from all six constituent Councils and the South Australia Marshall Government sought funding through the Australian Government's Building Better Regions Fund (BBRF), Infrastructure Projects Stream, to initiate flood mitigation works in the lower Gawler River

The \$27 Million proposal, known as the Northern Floodway Project, will provide protection to hundreds of properties in the Lower Gawler River precinct in a major rainfall event, such as the 2016 flood. It will protect livelihoods and avoid costly damage and disruption.

It is the most immediate cost-effective option that delivers the maximum benefit with the least impact on the fewest properties.

The project will involve a new levee system downstream of Old Port Wakefield Road and existing levee bank upgrades between Pederick Road and Port Wakefield Road as well as selective levee upgrades upstream of Pederick Road.

The first stage BBRF application of \$2 Million submitted includes the major elements of preliminary works required to be undertaken first so that a more robust assessment of final project design and costs might be understood and considered prior to a further BBRF funding application for subsequent completion of the \$27 Million Project.

Elements include:

- Consulting with landholders likely to be impacted;
- Confirming the scope of flood modelling and levee bank conditions;
- Investigating land access and tenure requirements;
- Preliminary clearing of levees to facilitate survey and design;
- Heritage surveys; and
- Preliminary design and documentation of river works and levee works including the Northern Floodway levee

The \$2 Million project application sought \$ 900,000 in BBRF funding which is to be matched with a \$ 900,000 funding commitment from the South Australia Marshall Government.

The GRFMA is providing \$200,000 in-kind contribution.

On the 11/3/19 the following advice was received the Department of Industry, Innovation and Science in relation to the GRFMA application.

Following careful assessment of all applications, I regret to advise that your application for the above project has been deemed ineligible. For applications to proceed to merit assessment the application must meet all of the eligibility criteria outlined in Section 5 of the Program Guidelines at www.business.gov.au/bbrf.

A list of funded projects and general feedback for applicants is available at www.business.gov.au/bbrf. This may provide guidance on why your application was ineligible. If you would like to receive feedback specific to your application please email bbrffeedback@industry.gov.au by Friday 7th June 2019 to arrange an appointment.

Decisions are final and will not be reviewed.

Thank you for your interest in the Building Better Regions Fund.

Notwithstanding this disappointing outcome, actions are now being implemented to pursue further opportunities to secure suitable funding for the project.

Opportunity to lobby for political support during the 18 May 2019 Federal Government election process is one measure being pursued.

8.6 Levee banks and priorities for improving flood management

RECOMMENDATION

That the GRFMA endorse the submission on how dams and levee banks are managed to reduce the impacts of floods and priorities for improving flood management in South Australia.

The State Government is inviting public comment on how dams and levee banks are managed to reduce the impacts of floods and priorities for improving flood management in South Australia.

Three draft position papers have concurrently been released for feedback.

- Improving Levee Bank Management in South Australia
- Improving Dam Management in South Australia
- Priorities for Improved Flood Management in South Australia

Refer <https://yoursay.sa.gov.au/decisions/flood-management/about>

In anticipation of providing a GRFMA submission, the Executive Officer wrote to all constituent councils inviting them to provide feedback to davidehitchcock@bigpond.com (Executive Officer, GRFMA) by COB Monday 1 April 2019.

Correspondence to Councils indicated the GRFMA submission is specifically in regard to Improving Levee Bank Management in South Australia and Priorities for Improved Flood Management in South Australia.

Feedback on the draft position paper Improving Dam Management in South Australia was also welcomed.

See attachment for the compiled responses of the GRFMA Executive Officer and feedback from responding constituent councils in relation to discussion paper questions of relevance.

Provision for a late GRFMA submission (following the 18/4/19 GRFMA Meeting) has been facilitated with State Government representatives managing collation of public comment.

ATTACHMENT

Improving Levee Bank Management in South Australia

The draft position paper for Improving Levee Bank Management in South Australia has been developed to address concerns about levee banks in South Australia and in response to the failure or near failure of levees during the spring of 2016.

The draft position paper proposes a number of initiatives to improve levee bank management in South Australia for discussion. Some initiatives may require legislative change, in kind community and stakeholder contributions or may increase costs to community and stakeholders.

Discussion paper questions.

Q 1. Who should have access to what parts of a levee bank database, and is there any other information which needs to be stored?

GRFMA. Details relating to the position and condition of levee banks should be available to the Public. Personal details and contact details should not be provided.

Local and State Government should have access to the complete data base information (as per land property valuation data base details currently provided).

Formally established flood levees and details of their lifecycle management should be identified within the relevant Asset Management Plan of the entity responsible for levee operation and maintenance.

In addition to the data discussed in the Draft discussion paper, a survey of the existing levees to define the exact position, dimensions and top level would provide a lot of valuable information. It is suspected that the levee failures were due to overtopping at sections along the levee that were lower than the design level (due to erosion, poor construction, slumping and land owner impacts). Survey would also identify sections of levee that are not sufficiently stable (steep side slopes) to withstand water pressures. Surveyed levee levels can be compared to flood modelling to assess the level of service provided by the levees and whether they need to be increased in height to provide the desired level of service. Design drawings and freeboard requirements to the design flood should also be provided.

Levee management/design guidelines should also be developed.eg

https://www.water.vic.gov.au/_data/assets/pdf_file/0010/60013/DEP-8419-Levee-design-construction-and-management-guidelines_FA_web.pdf

The database could also include relevant flood study the flood level data originates from and legal access agreements in place (ie where formalised agreements are in place to transfer responsibility).

Q 2. Can you suggest any alternative approaches to the proposed planning process as an effective pathway to resolve levee bank management issues?

GRFMA. A suitable and consistent Development Consent process (across local government boundaries) for applications for approval to undertake construction and maintenance of levee banks should be facilitated.

Further to the planning approach, consideration of clearly establishing the funding responsibility (ie private property owners vs Government) and a consistent cost apportionment mechanism to allow the relevant authority to enforce their powers to ensure levees on all lands are appropriately managed.

The PDI Act and Landscapes SA Act could include legislative requirements for the gaps to be addressed.

The planning process needs to include criteria for determining if a levee is “priority” or non-priority”.

The Gawler River Flood Management Authority would be interested in working with relevant authorities to facilitate a pilot project in this regard.

Q 3. Are there any other contributors not yet identified in table 3.

Table 3 covers most key contributors.

Railways can act as levee banks and the responsibility for management rests with the manager of the railway. Therefore, under Operation and Maintenance ARTC and Genesee and Wyoming Australia Pty Ltd could be included.

Private land owners

Q 4. Is it reasonable to apply the beneficiary pays principle for ongoing operation and maintenance of levee banks?

GRFMA. The beneficiary pays principle is generally considered a relevant approach where investment benefits specific stakeholders (as opposed to the general public use).

A key matter for consideration will be the beneficiary payment mechanism to be utilised.

For example, if maintenance and management of priority levee banks is undertaken by NRM/Landscape Boards then Local Government should not be required to contribute. NRM/Landscape” levies” are recovered via a land tax on landholders within the relevant area. Any additional Local Government contribution requirements would result in local government taxes being recovered from the same landholders being taxed by the NRM/landscape levies.

Q5. Do you see any alternatives to the acquisition of land or easements to ensure access to levees?

GRFMA. Options could include:

- Outright purchase and freehold tenure of the main water channel and land required for flood mitigation works (‘subject land’) with potential lease back options.
- Establishment of an easement over the subject land .
- Establishment of land management agreements over the subject land.
- A combination of the above.

The Upper South East Drainage Scheme could be used as an example.

<https://www.environment.sa.gov.au/topics/water/resources/south-east-drainage-network/completed-upper-south-east-program>

The majority of land was compulsorily acquired as a statutory easement. In these instances, the landholder still retains ownership of the land upon which the Minister constructed the drain network.

Educating land owners of their responsibilities and requirement to maintain the watercourse and zone in which the levee is constructed should be ongoing.

Q6. How can landholders be made accountable for damage or unauthorised changes to levee banks?

GRFMA. An option might be to incorporate suitable enforcement mechanisms when establishing land access, as per Q5.

Suitable approval and enforcement mechanisms for levees and other flood control assets is needed – possibly by incorporating into the Planning Development and Infrastructure Act as it is further developed.

Enforcement authorities need appropriate resourcing in order to proactively inspect levees, water courses and dams, identify issues, educate landowners and enforce conditions.

Ultimately, suitable property rights are also important in giving the relevant authority the best ability to manage the assets and risks. Property rights are enforceable and the concepts generally well understood by the community.

The Upper South East Dryland Salinity and Flood Management Act 2002 has provisions for Reparation Orders.

<https://www.legislation.sa.gov.au/LZ/C/A/UPPER%20SOUTH%20EAST%20DRYLAND%20SALINITY%20AND%20FLOOD%20MANAGEMENT%20ACT%202002/2012.12.19/2002.48.UN.PD>

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7. Are there any other priority issues to be covered in the guidelines?

GRFMA. It would be preferable if suitable powers enabling flood mitigation development / maintenance and associated land access, by relevant authorities, on private land was expressly provided.

Guidelines should also enable the private land owners sufficient information on what they can do to assist in maintaining the levees and outline their responsibilities (i.e. non-structural levee maintenance including bushfire requirements for slashing of their land, weed management and notifying the relevant authority if easements are restricted by fallen debris or levees are damaged via observation from natural causes).

8. What currently works well and what does not in terms of the approval process for levee banks?

GRFMA. Recent discussion between GRFMA and constituent councils indicates the current approval process is confusing and needs further work to provide a consistent and transparent process which the public can understand.

e.g. The NRM Boards manage approval processes via Best Practice Operating Procedures (BPOP) or Current Recommended Practices (CRP) for levee construction. Councils manage applications via Development Consent processes. Each council appears to have a different application approval process.

NRM Boards can only approve walls to a height of 1m for retaining and 3m for dams and development approval (Councils) is required for the movement/excavation of more than 9 cubic metres of soil.

The Town of Gawler noted it has been slowly acquiring land along the River through 30 m buffers for new development under provisions of the Council's Development Plan. This seems to work well and 30 m should provide sufficient space for a levee and access requirements.

Under the Development Act levees would require a Development Approval and this process (depending on the scale of levee work proposed) may be best managed by SCAP (State Government Development Assessment Panel) with referrals to the relevant local government areas. To ensure the levees are implemented effectively it may also be relevant for the State Government to undertake the easement acquisition process (again depending on the scale to minimise the burden on Councils for this process).

9. Are there any other management arrangements needed for non-priority levee banks?

Management of levees needs to be undertaken in accordance with any relevant local government and/or private landowner Stormwater Management Plans

Management arrangements for non-priority levee banks could include cost sharing arrangements for the removal of levees.

10. Is there anything more you wish to add in regard to the draft policy for Levee Bank Management in South Australia?

No

Priorities for improved flood management in South Australia

The Priorities for improved flood management in South Australia has been developed in response to issues raised following the floods in 2016 highlighting a number of long-standing challenges for effective flood management in South Australia.

The draft position paper explores priorities for improved flood management in South Australia as well as opportunities for alignment with strategies and initiatives currently under development

Q 1. Who should be involved in developing improved South Australia wide approach to flood management?

GRFMA. Department for Environment and Water (DEW), South Australia State Emergency Service (SASES), Department of Planning, Transport and Infrastructure (DPTI), local government, Industry representatives (Agriculture).

The Stormwater Management Authority should also be involved

Q 2. What would be your top three outcomes to be delivered by the approach?

GRFMA

- Consider all aspects of flood management in an integrated manner and clarify roles and responsibilities, priorities and principles.
- Clarify the intersection with water resource management, emergency management, stormwater management and land use planning.
- Set a clear state-wide framework that enables everyone to effectively contribute to flood management as it is clear where their role fits, including a clear business case for targeted investment in flood management, ensuring that foundational gaps are addressed first.

Q 3. What would be your top three priority issues to be addressed?

GRFMA

- Avoiding or minimising risks through planning and building
- Flood mitigation infrastructure (levees, flood detention basins)
- Flood risk assessment.

Noting all of the issues on the list should be a priority and need to be addressed.

Q 4. Is there anything more you wish to add in regard to the draft position paper for priorities for improved flood management in South Australia

Stormwater and flood management authorities need adequate resourcing to plan, establish and manage flood control assets to meet the desired level of service. The gap between available resources and that required is significant and appears to be widening. Many of the benefits of flood management manifest at a State or even Commonwealth level, yet significant funding from these sources is rare. If the State wishes to properly influence flood management for the benefit of the wider community then funding more representative of the benefits and beneficiaries will be needed.

Key to establishing and maintaining credibility of the system, accountability and its enforceability will be the use of up to date and accurate Flood Zone mapping. The Planning Development and Infrastructure Act will need to clearly reference the best available information.

All flood management assets should be identified within the relevant Asset Management Plan of the entity responsible for flood management asset operation and maintenance. The assets should be managed accordingly to ensure the targeted level of service is achieved.

Improving Dam Management in South Australia.

The draft position paper for improving dam management has been developed to address concerns about dam management in South Australia and in response to the failure or near failure of dams during the Spring of 2016.

Q1. Do you support the proposed development of risk rating tools for dam failure based on reviewing and adapting the tool already developed in Victoria?

The development of risk rating tools for failure of small dams up to 3 m tall, or 5 megalitres, is supported and it is considered the Victorian model is at least a good starting point. The Australian National Committee on Large Dams (ANCOLD) Guidelines on Risk Assessment (2003) should be used for all dams taller than 10 metres. For dams between 3 and 10 metres tall, the ANCOLD guidelines should be used in absence of another appropriate tool being developed. The risk of the cascading of small dam failure scenarios also needs to be covered.

Q2. How can we make sure landholders prepare an emergency action plan for their dam?

A complete register of all dams (as proposed), including their risk rating and ownership, will need to be prepared by the relevant regulatory body. Regulations will need to be established that require mitigation of unacceptable dam risks, including a suitable emergency action plan, within an acceptable timeframe. Regulations will also need to provide reasonable enforcement powers.

Floodplain modelling and dam break analyses will likely be required in some circumstances. Ongoing stakeholder consultation, monitoring, testing of emergency action plans and publication of risk information will be required. In order to make good progress this work will likely need to be funded, up front at least, by the relevant body. A toolkit to assist dam owners should be developed to assist. Existing relevant, current and available assessments and plans, where they exist, may mean that a new assessment is not required.

Q3. Who should have access to what parts of a dam register?

Details relating to the position and condition of dams should be available to the Public. Personal details and contact details should not be provided.

Local and State Government should have access to the complete data base information (as per land property valuation data base details currently provided).

Formally established publicly owned dams and details of their lifecycle management should be identified within the relevant Asset Management Plan of the entity responsible for dam operation and maintenance.

Q4. Is there any other information (other than location, size and flood risk rating) that needs to be stored?

Additional information stored should include:

- Name of Dam
- Owner contact details (not to be publicly available),
- The current emergency action plan (not to be publicly available),
- Year of Original Construction

- Water course impounded
- Storage Capacity at full storage level
- Catchment Area
- Full Supply Level (Spillway Crest Level) mAHD
- Type of Dam (material)
- Embankment Height (max)

Q5. Do you support a general duty to maintain dams and an enforceable requirement to rectify, repair or modify a dam that poses an unacceptable risk?

The imposition of new regulations on the community needs to be balanced against the potential risks to the community. In general, landowners should have a general duty to ensure that the dams on their property do not place the broader community at risk. The form and nature of any regulations need careful consideration.

If additional regulations are imposed, then there should be no exceptions to the duty to properly construct and maintain dams and the enforceability of this. Specifically, the City of Playford noted its disagreement with the suggestion in Table 1 of the Draft position paper that SA Water Reservoirs, Tailings Dams and Wastewater facilities be out of scope. Voluntary compliance with ANCOLD Guidelines could become voluntary non-compliance without anyone knowing and the SA Water Dams are likely to have amongst the greatest consequences of failure. Tailings dams being subject to the Mining Act does not necessarily make the risk to the community any less – in fact tailings dams potentially come with additional hazards as well as being subject to similar flood hazard issues. Some attention to drafting will be required to avoid duplication and conflict in legislative requirements for tailings dams.

A complete and transparent arrangement is sought that manages all dam risk to the community in a holistic and comprehensive manner.

Q6. What competencies or qualifications should be required from practitioners for dams with a higher dam failure risk rating?

The lead practitioner should be a professional engineer. Melbourne Water's requirements are suggested as a suitable minimum in this regard:

... any engineer providing advice, design or engineering input on existing or future dam assets to satisfy the ANCOLD definition of a Dams Engineer (ANCOLD, 2003): A professional engineer who is suitably qualified and recognised by the engineering profession as experienced in the engineering of dams and its various subfields.

The lead practitioner may well head a team that includes other professionals and technicians.

Q7. Are there any other issues which should be covered in the proposed guidelines?

An Emergency Action Plan template for South Australia could be based on the template found at: https://www.water.vic.gov.au/_data/assets/pdf_file/0024/54249/LGA-DESP-fianl_r.pdf

Q8. Do you have a comment on which of the proposals (either including dam construction requirements in the Planning and Design Code, or in the Landscapes SA legislation) has more benefit?

Dam construction requirements should be included in the Landscapes SA legislation. There are strong linkages between dams, water course management and environmental management and dams should generally be assessed from a regional viewpoint. If part of the planning system, the responsibility would likely be delegated to individual councils, most of whom will not be able to justify the expertise necessary to properly assess what will be rare applications for dam construction and who do not have a strong enough catchment management and environmental stewardship based mandate to properly manage the competing demands of dam construction applications.

Q9. *Is there anything more you wish to add in regard the Draft Policy for Dam Management in South Australia?*

No

8.7 Bank Signatories Authority to operate Bank Accounts- Bank Signatures**RECOMMENDATION****That the GRFMA:**

- 1. Authorise(name of appointment) as a new signatory to operate on Bank SA account 101248140 in the name of the Gawler River Floodplain Management Authority; and**
 - 2. The previous authority for Mr. D Davey signature to operate the account be revoked.**
-

The GRFMA facilitates its banking processes via Bank SA Business Banking on line.

Three authorised signatures operate the account with any two to sign to execute transactions.

Current authorised bank signatories are:

1. Mr Ian Baldwin, Chairperson
2. Mr. David Hitchcock, Executive Officer.
3. Mr Denis Davey, then Board Member

Following resignation of then Cr. Denis Davey from the GRFMA Board a new authority(signatory) is required to facilitate operation of the Bank SA bank accounts held by the GRFMA.

The Board should now determine and appoint a preferred authority signature.

This authority will operate in addition to existing authorised signatories which requires any two authorised signatures to operate the account.

The previous authority for Mr. Denis Davey's signature to operate the account should also be revoked.

8.8 Landscape SA

RECOMMENDATION

That the GRFMA receive the Report.

At the 13/12/18 GRFMA meeting the Board resolved

That the Executive Officer write to the Hon D Speirs Minister for Environment and Water in regard to the establishment of the new Landscape SA Boards (replacing the Adelaide and Mount Lofty Ranges NRM Board) noting that the Gawler River Floodplain Management Authority encompasses six separate council boundaries and seeking clarification how placement of the collective constituent councils in Landscape Region might be effected to ensure strategic flood management objectives and relevant landscape levy funding mechanisms are maintained.

In reply the Minister advised

“I acknowledge there is the potential for issues such as flood management associated with the Gawler River to be split across more than one board region”

“There are a number of mechanisms by which cross- regional coordination could occur, including through agreements between new boards and organisations such as the GRFMA”

The State Government has now introduced the Landscape SA Bill into the South Australian parliament.

Documents released by the Hon David Speirs, MP, Minister for Environment advise:

The key elements of the landscape reform consultations that are reflected in the Bill are:

- creating arm’s length landscape boards to replace existing Natural Resources Management (NRM) Boards in regional areas, which will facilitate management of landscapes in partnership with land managers, communities and stakeholders
- enabling communities and landholders to have a greater voice in how our natural resources are managed, with collaboration and partnerships being core functions of the boards and a Grassroots Grants program in each region
- capping land and water levies by the Consumer Price Index (CPI).
- Landscape boards will be responsible for their own annual budget and for publishing their annual expenditure on projects funded by land and water levies landscape boards in regional areas will have seven community members – three will be directly elected, similar to local council elections, and four will be appointed by the Minister
- establishing Green Adelaide, a regional landscape board for the Adelaide metropolitan area that will focus on seven key priorities and work towards Adelaide becoming one of the most ecologically vibrant and climate resilient cities in the world
- creating simpler, high-level regional landscape plans that identify up to five priorities for boards in regional areas and seven priorities for the Green Adelaide Board to be achieved over five years
- new processes for preparing regional landscape plans and water allocation plans (WAPs) that focus on contemporary and effective consultation and engagement

- redistributing a proportion of the levy income that is collected in the Green Adelaide region and investing it in state and cross-regional priorities through a new Landscape Priorities Fund
- streamlining and simplifying a range of processes to improve efficiency and remove red tape that gets in the way of more effective on-ground management. As well as simplifying some processes and to enable more flexibility, many procedural details have not been replicated in the Bill and will be drafted as regulations or policy, to change processes that are no longer effective.

The recently released Landscape SA proposed regional boundary maps clearly indicate the Gawler River is proposed to be split across more than one Board region.

See <https://yoursay.sa.gov.au/blog/we-re-changing-nrm-in-south-australia-the-landscape-sa-bill-2019-introduced-into-parliament-on-20-march-2019>