





#### 146/3.1 **Finance and Audit Committee Report**

The board will write to Department of Premier and Cabinet seeking support to remunerate Finance and Audit Committee members at the Board rate

**In hand:** Briefing to the Minister has been drafted, and request to register committee on the Board and Committees Information System (BCIS) sent.

#### 147/2.2 **Koala Management**

Correspondence from the KI NRM Board to the Hon. David Speirs relating to koala management be forwarded to the Hon. Tim Whetstone, Minister for Primary Industries and Regional Development.

**Completed:** Letter sent to Minister Speirs with a copy to Minister Whetstone.

#### 147/3.1 **Finance Report – Policy Review**

To amend policy A04 *Conference Attendance Policy – Board members* so the approvals process is consistent with A06 *Interstate and overseas travel* and recirculate to the Board.

**In hand:** Policy A04 *Conference Attendance Policy – Board members* amended for recirculation to board members

#### 147/3.2 **Middle River Reservoir**

To draft a response to A Jessup's letter to the Board and circulate to all Board Members for approval.

**Completed** noting D Welford's request to commence discussions with SA Water regarding options for additional summer spills prior to the completion of the environmental water requirements report.

#### **Motion**

Moved D Welford

Seconded J Stanton

That the Board commence discussion with SA Water representative in early 2019 regarding options for future additional summer releases for environmental outcomes in the Middle River Catchment.

Carried

#### 147/3.3 **Applying Principle 2.3.2.9**

To present Principle 9 to the Board at their next meeting, including an explanation of Table 2.

To undertake a complete edit of the documents associated with Principle 9.

#### **Resolved:**

The board supports P Rismiller's request for case studies to be included in the explanation of how Principle 9 may be applied.

#### 147/3.3 **Applying Principle 2.3.2.9**

To consider and assess Principle 9 in the light of what each member would like the principle to achieve for discussion at the next Board meeting.

#### **Resolved:**

The board requests a further workshop on the application of Principle 9 be held in February 2019.

#### 147/5.1 **Environmental Assessment of Water Management**

To consider Dr Green presenting at an upcoming *Science in the Pub* session.

**Completed:** Identified as potential community engagement activity for 2019.

The board agreed to discuss items 4.2 Declared Animal Policy and 3.2 Virtual Fencing out of sequence.

T Mooney joined the meeting at 10:00 am

#### **4.2 DECLARED ANIMAL POLICY: C04 GOAT, CAPRA HIRCUS**

The Board noted the review undertaken of the *Declared Animal Policy C04 Goat, Capra hircus* and requested clarification on requirements for tagging domestic animals. All farmed animals require a PIC number and are often tagged because, as a general rule, if an animal's owner is unable to be identified, the animal may be destroyed. Tagging is affordable and enables landholders, community and compliance officers to clearly identify owned animals.

The Board reinforced that they are not opposed to the keeping of goats but need to ensure the risk of feral herds reinfesting Kangaroo Island is kept to a minimum. As such, the Board requested the inclusion of tagging within three months of the adoption of the revised policy as a mandatory condition of a permit being re-issued.

The Board noted that under section 188 of the *Natural Resources Management Act 2004*, there is a set permit fee which applies to Category 3 animals. This permit fee is currently \$103.00 and the Board requested the Executive Officer seek a waiver of this fee from the Chief Executive.

#### **Motion**

Moved J Stanton Seconded D Welford

That the Kangaroo Island Natural Resources Management Board:

1. **Approves** the amended Declared Animal Policy: C04 Goat, *Capra hircus* with the inclusion with the inclusion of an additional condition:
  - o For permits to be renewed, all goats on the identified property, must have an ear tag
2. **Approves** the delegation of authority for issuing of declared animal permits to the Regional Director, Kangaroo Island.

Carried

#### **Motion**

Moved P Rismiller Seconded D Welford

That the Kangaroo Island Natural Resources Management Board:

- Seek a waiver of the permitting fee for Goats from the relevant authority, the Chief Executive of Department for Environment and Water.

Carried

T Mooney left the meeting at 10:05 am

M Kinloch joined the meeting at 10:05 am

### **3. Presentations**

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#### **3.2 Virtual Fencing**

The Board noted M Kinloch's explanation of virtual fencing and its application to wildlife management in Tasmania and Queensland and opportunities for use in the feral cat program. Sensors are activated by headlights and emit sound or flashing lights which repels animals from

the road. Virtual fencing is being extensively trialled in Tasmania and the Sunshine Coast in areas identified as threatened species 'hot spots'. Trials in Tasmania have focussed on protection of the Tasmanian Devil and initial reports are showing success in reducing the amount of wildlife hit by vehicles. At this stage, the cost of these devices is prohibitive with approximately 40 sensors needed per kilometre. Further research is required to determine the effectiveness of virtual fencing on cats.

The Board commented on the benefits of Kangaroo Island being considered as a research site for trialling virtual fencing and asked the Executive Officer to follow up on research opportunities.

*M Kinloch left the meeting at 10:10 am*

*A Osman joined the meeting at 10:10 am*

### **3.1 COASTAL HAZARD MAPPING**

A Osman was engaged by Kangaroo Island Council to facilitate the development of an online mapping tool to provide the community, stakeholders and politicians with information to make informed decisions, in light of climate change and sea level rise predictions, by providing a tool that could demonstrate potential risks and how and when a response is required.

- Kangaroo Island Council commissioned Seed Consulting and Water Technology to undertake a coastal hazard mapping assessment
- This project followed on from the *Resilient Hills and Coasts Regional Climate Change Adaptation Plan*
- The project is being conducted in accordance with the *Coastal Adaptation Decision Support Pathways Framework* (LGA)

Seed Consulting and Water Technology were engaged to:

- Look at future coastal erosion and inundation scenarios, with focus on townships and residential areas on eastern Kangaroo Island as Council current has LiDAR data for this portion of the island.
- Assess response options to determine potential future actions or adaptation. Looking for triggers rather than establishing timeframes, to improve responsiveness to extreme weather events or climate change impacts.
- Provide recommendations for further studies.

Science and data available have been used to develop the on-line mapping tool showing:

- Oceanographic Conditions (Mean Sea Level, Astronomical Tide, Storm Tides, wind and waves)
- Coastal processes (geology, geomorphology, coastal processes)
- Erosion mapping (sandy shorelines, estuaries, lagoons & tidal flats, soft rock, hard rock)
- Inundation mapping (long term inundation, short term inundation)

This tool will support future decision making around infrastructure, future development and asset maintenance.

Looking at various response options



**Avoid** – identify future 'no-build areas' and use planning tools to prevent new development in areas at risk now or in future.



**Protect** – Use hard structures (eg sea walls) or soft solutions (eg dunes and vegetation) to protect land from the sea. May be prohibitively expensive, especially in the long term.



**Accommodate** – Continue to use the land but accommodate changes by building on piles, converting agriculture to fish farming or growing flood or salt-tolerant crops.



**Retreat** – Withdraw, relocate or abandon assets that are at risk; ecosystems are allowed to retreat landward as sea levels rise.

### **Or Do nothing or defer action.**

#### *Strategy Report - Key Findings*

- The settlements at greatest risk from coastal hazards are
  - American River (inundation risk)
  - Nepean Bay and Brownlow (erosion and inundation risk)
  - Western Cove as a broader area faces risks from both inundation and erosion exacerbated by overland flow at the same time as a storm surge.
- Critical infrastructure will be exposed to increasing risk including Hog Bay Road, electricity supply, water supply and CWMS infrastructure.
- 136 private properties are at high risk of being impacted by 2050 and by 2100 there are 277 at extreme risk.

#### *Priority Recommendations*

##### Raise community awareness about potential impacts

- Raising awareness about insurance eg premiums set annually; most policies don't cover storm/flood damage; need to understand what an insurance policy does or doesn't cover.)

##### Review Development Plan

- The Development Plan is a tool that can be used to minimize development in areas identified as at highest risk.

##### Develop a Community Emergency Management Plan

##### Review Council's Road Hierarchy

- Council will review its road network and hierarchy in light of the report's findings as alternate emergency access may be required.

##### Protecting coastal vegetation

- Coastal vegetation can provide a natural buffer and reduce the impact of storm surges.

#### *Next Steps*

- Council to approve Strategy Report to go to Community Consultation through December and January
- Strategy Report to be adopted by Council February 2019.

- Finalise project and seek future funding and grants – additional, more detailed data required; look at storm water storage to enable controlled release of storm water to prevent flooding/exacerbating tidal surging.

**Questions:**

- *The focus is on townships and residential, what about the future impacts on primary production properties?* R: Council is aware that some farming properties will be impacted by a potential rise in sea level. We need to leverage what we have done to ensure the rest of the island is mapped and look at erosion and salinity issues as these will increase if surface water is unable to be released to the sea.
- *Is there funding to support this work?* There is a lot more work to be done, not just on Kangaroo Island but across the State which has resulted in an increased demand for funding.

*A Osman left the meeting at 11:00 am*

**Motion**

Moved A Florance Seconded J Stanton

That the Kangaroo Island Natural Resources Management Board:

1. **Noted** the opportunity to provide comment on the *Kangaroo Island Coastal Hazard Mapping draft report* during the public consultation period, expect in early 2019.

Carried

**Motion**

Moved A Florance Seconded J Stanton

That the Kangaroo Island Natural Resources Management Board:

1. **Requested** the board be kept up to date on information regarding trials and research being undertaken on virtual fencing technology.
2. **Requested** the Executive Officer actively seek opportunities for Kangaroo Island to be involved in trials and research of virtual fencing technologies.

Carried

*The board adjourned for morning tea at 11:00 am*

*The board resumed at 11:25 am*

*H Klein joined the meeting at 11:25 am*

**4. Board Matters – For Decisions and Discussion**

**4.1 ON-GROUND WORKS PROGRAM: SUMMARY OF OUTPUTS 2013 - 2018**

The Board noted the summary report regarding the Board’s on-ground works devolved grants scheme. While the scheme has operated for approximately 25 years, the last five years have been delivered through the Catchment to Coast project.

The Board noted that \$63,000 has been distributed to landholders for environmental works annually over the last five years (down significantly from previous years). The project was originally quarantined to the Cygnet River catchment. However if funds were available, permission was granted to consider and approve applications for work outside the core area of focus.











Received: 23 August 2018	
Dr R Meffin <i>Biosecurity SA</i>	<i>Review of current declared weed policies as part of transition to Landscape SA Act</i>
Received: 28 August 2018	Seeking to initiate discussion on transitional arrangements for the declaration of plants under the <i>Natural Resources Management Act</i> and new <i>Landscape SA Act</i> .
Response sent: 17 October 2018	
J Schutz <i>Chief Executive, DEW</i>	<i>Board member – correct end date for Ms Stove</i>
Received: 20 September 2018	Due to an administrative error, the end date of K Stove’s current term was incorrectly recorded. Ms Stove has been advised that the correct end date for her current term as a board member is 23 February 2019.
R Seaman <i>Native Vegetation Branch, DEW</i>	<i>Interim guidelines for the management of roadside vegetation</i>
Received: 31 October 2018	Invitation to comment on the <i>Interim Guidelines for the Management of Roadside Native Vegetation under Native Vegetation Regulation 11(23)</i> and raise particular concerns that are unique to the Kangaroo Island NRM region.
W Campana <i>Office of the Commissioner for Kangaroo Island</i>	<i>Native Vegetation Management on KI and SEB offset option</i>
Received: 1 November 2018	Two papers initiated through the work of the Local Advisory Board for Native Vegetation Management on Kangaroo Island: <i>Native Vegetation Management on Kangaroo Island – community information paper, October 2018</i> and <i>Illustrating the financial comparison of alternative SEB offset options – October 2018</i> . The Commission asks that the papers are distributed as widely as possible and encourages continued discussion on the application of SEBs on Kangaroo Island.
Dr J Virtue <i>Biosecurity SA</i>	<i>Consultation on draft Buffel Grass Strategic Plan 2018-2023</i>
Received: 9 November 2018	Invitation to comment on the draft Buffel Grass Strategic Plan 2018-2023 by COB Friday 18 January 2019. <i>This matter will be referred to the Biosecurity Advisory Committee in the first instance.</i>
D Speirs, MP <i>Minister for Environment and Water</i>	<i>Consultation period for Landscapes SA reform has closed</i>
Received: 13 November 2018	Thank you for your input into the reform and noting that the consultation period for Landscapes SA reform has closed. A copy of Becky Hirst Consulting report can be found at <a href="https://yoursay.sa.gov.au/decisions/landscape-reform/about">https://yoursay.sa.gov.au/decisions/landscape-reform/about</a>
S O’Brien <i>Chief Finance Officer</i>	<i>Annual Internal Controls Opinion Letter</i>
Received: 14 November 2018	The Annual Internal Controls Opinion Letter advises that DEW’s internal controls have been effective throughout the 2017/18 reporting period in preparation of the Board’s financial statements.
J Stangeland <i>Equinor</i>	<i>Great Australian Bight</i>
Received: 15 November 2018	Correspondence regarding Equinor and proposed exploration drilling in the Great Australian Bight.

### Outgoing

J Wandel	<i>Water Affecting Activity Permit K18001</i>
Sent: 3/8/2018	Letter of approval and permit for removal of three dams totalling 2.2 ML and construction of one 2.2 ML dam

<p>Dr J Virtue <i>Biosecurity SA</i></p> <p>Sent: 14 September 2018</p>	<p><i>Top 10 environmental biosecurity priorities for South Australia</i></p> <p>Board response to request for a list of our region's priority invasive species (terrestrial or aquatic, plant or animal or disease) that impact, or have potential to impact, the environment and community as opposed to primary industries.</p>
<p>L Crago</p> <p>Sent: 27 September 2018</p>	<p><i>Declared Species Permit to hold Domestic Goats</i></p> <p>Granting of permit KIAPC-G002 to hold domestic goats</p>
<p>R Zinnack</p> <p>Sent: 27 September 2018</p>	<p><i>Declared species permit to hold domestic goats</i></p> <p>Granting of permit KIAPC-G0019 to hold domestic goats.</p>
<p>J Teague <i>Natural Resources Committee of Parliament</i></p> <p>Sent: 5 October 2018</p>	<p><i>Inquiry into the Management of Overabundant and Pest Species in South Australia</i></p> <p>Board submission regarding the inquiry</p>
<p>D Cooke <i>Biosecurity SA</i></p> <p>Sent: 17 October 2018</p>	<p><i>Review of current declared weed policies as part of transition to Landscape SA Act</i></p> <p>Response to request to review policies for the relevant plants declared under the provisions of the <i>Natural Resources Management Act 2004</i> to ensure that they fit with and facilitate weed management outcomes on Kangaroo Island. T Mooney, Team Leader Animal and Plant Control is working with Biosecurity SA on this matter.</p>
<p><i>Department of Agriculture and Water Resources</i></p> <p>Sent: 31 October 2018</p>	<p><i>Submission on the draft National Biosecurity Statement</i></p> <p>As discussed at the Biosecurity Advisory Committee and Board meeting, response to the draft National Biosecurity Statement submitted.</p>
<p>C McDonald <i>Environment and Communications References Committee</i></p> <p>Sent: 1 November 2018</p>	<p><i>Inquiry on the impact of feral deer, pigs and goats in Australia</i></p> <p>Board submission to the Senate Inquiry of feral deer, pigs and goats in Australia.</p> <p><i>NOTE: The Presiding Member, Regional Director and staff presented to the Committee on 20/11/2018</i></p>
<p>D Speirs, MP <i>Minister for Environment and Water</i></p> <p>Sent: 25 October 2018</p> <p>Cc: to T Whetstone, MP, Minister for Primary Industries and Regional Development, 19 November 2018</p>	<p><i>Koala Management on Kangaroo Island</i></p> <p>Highlighting the board's concerns regarding the lack of funding to manage koalas on Kangaroo Island</p>

### **Motion**

That the Kangaroo Island Natural Resources Management Board

1. **notes** the above correspondence.

Carried via the consent schedule



### **Motion**

Moved K Stove Seconded P Rismiller

That the Kangaroo Island Natural Resources Management Board:

1. **Notes** the uncertainty surrounding the continued development of sustainability indicators for Kangaroo Island but recommends the administration actively advocates for their continued development with the Office of the Commissioner and the Council
2. **Notes** the Kangaroo Island Commissioner will continue to pursue development of sustainable indicators, within limitations of her office resources.
3. **Notes** the administration will continue to provide updates to the board on progress.

Carried

## **5.6 OUT OF SESSION PAPERS**

The Board noted that the *Annual Report 2017-2018* was endorsed out-of-session.

### **Motion**

Moved D Welford Seconded K Stove

That the Kangaroo Island Natural Resources Management Board:

1. **Ratifies** the recommendations of the out-of-session decision paper as listed below:
  - a. *Supports a copy of the minutes of the Board Landscape SA Reform workshop held on 6 July 2018 being forwarded to the Minister and Becky Hirst Consulting.*
  - b. **Endorses** the draft Kangaroo Island Natural resource Management Board Annual Report for 2017-2018 for submission to the Minister for Environment and Water.
  - c. **Endorses** the audited financial statements are to be signed by the Presiding Member prior to submitting to the Minister.
  - d. **Notes and approves** that minor amendments may be required which are administrative in nature and should not need to come back to the full Board for further approval.

Carried

## **5.7 PROJECT REPORTS – SEPTEMBER TO NOVEMBER 2018**

### **Motion**

That the Kangaroo Island Natural Resources Management Board:

1. notes progress towards the delivery of its regional NRM Plan.

Carried via the Consent Schedule

## **5.8 COMMUNICATIONS AND MEDIA: community engagement activities**

### **Motion**

That the Kangaroo Island Natural Resources Management Board:

1. Receives the community engagement activities held in the period 1 July – 31 October 2018.

Carried via the Consent Schedule

## **5.9 COMMUNICATIONS AND MEDIA: communications and media activities**

### **Motion**

That the Kangaroo Island Natural Resources Management Board:

1. accepts the communications report for 1 March 2018 – 30 June 2018.

Carried via the Consent Schedule

## **6. Any Other Business**

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### **6.1 BOARD MEMBER APPOINTMENTS**

The board noted that board member appointments have not been advertised and members expressed concern at the delay.

## **7. Communique**

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The Board requested that the following items be including in the November Board Communique

1. Goat policy – reviewed and amended
2. Round up of on-ground works
3. Community engagement survey

## **8. Next Meeting**

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### **Resolved**

That the next meeting be held on Friday 14 December 1:00 pm in the Board Room, 35 Dauncey Street Kingscote.

## **9. Closure**

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The Meeting closed at 1:25 pm

Signed:



Richard Trethewey  
PRESIDING MEMBER  
KANGAROO ISLAND NATURAL RESOURCES MANAGEMENT BOARD

Date: 14 December 2018