

SHOALHAVEN CITY COUNCIL

**NORTHERN SHOALHAVEN NATURAL RESOURCE & FLOODPLAIN
MANAGEMENT COMMITTEE**

to be held on Monday 11 August, 2014
commencing at 4.00 pm

City Administrative Centre
Bridge Road
NOWRA NSW 2541

Wednesday, 6 August, 2014

Dear Member

NOTICE OF MEETING

You are hereby requested to attend a meeting of the Northern Shoalhaven Natural Resources and Floodplain Management Committee to be held on **Monday 11 August, 2014**, commencing at **4.00pm** in the Reception Room, City Administrative Centre, Bridge Road, Nowra for consideration of the following business.

Yours faithfully

R D Pigg
General Manager

BUSINESS OF MEETING

1. Apologies
2. Minutes of the Previous Meeting
3. Declaration of Interest
4. Report – Planning and Development Services
5. Addendum Reports
6. General Business

MEMBERSHIP – Quorum (3)

Mayor, Clr Gash	Theo Wright	Allan Lugg – Fisheries
Greg Watson - Chairperson	David McCorkell	Alex Deura – NPWS
All Councillors	Patricia Mason	Libby Shields – NPWS
General Manager or Nominee	Brad Dudley - RMS	John Murtagh – OEH
John Downey	Mark Edwards - Crown Lands	Gabrielle Pietrini –OEH
Bill Pigott	Ian Borrowdale – SES	Chris Presland – SCRMA
Terry Barrett	Craig Whitmore – RMS	Dr Stephen Allen–Office of Water
Jessica Zealand	Mike Baldwin - RMS	David Zerafa–Office of Water
Tony Emery	Stephen Dwight – Forests	Delia Lowe - Jerrinja
Barry Harper	Graeme Philpott - SHET	Andrew Wales – Australian Oyster Coast

Cell Phones: Council’s Code of Meeting Practice states that “All cell phones are to be turned off for the duration of the meeting”.

Role of the Committee:

1. Provide overall guidance for the management of natural resource management including floodplain management, estuary management and coastal zone management in accordance with Federal, State and Local Government Policy and Legislative instruments;
2. Advise Council on natural resource management including floodplain management, estuary management and coastal zone management matters;
3. Formulate agreed vision, goals, objectives, and targets sought from the Natural Resource Management Plans;
4. Facilitate the preparation of Natural Resources Management Plans;
5. Provides input into the identification of management options for Natural Resources Management Plans;
6. Facilitate broad community consultation;
7. Monitor State and Federal Government natural resource management direction and advises Council on appropriate response;
8. Monitor advances in knowledge and science of natural resource management issues (such as sea level rise and climate change) and integrate this knowledge in new Natural Resource Management Plans as well as in the review of existing Plans; and
9. Make recommendations for Council consideration.

MINUTES OF THE NORTHERN SHOALHAVEN NATURAL RESOURCE AND FLOODPLAIN MANAGEMENT COMMITTEE MEETING HELD ON THURSDAY 8 MAY 2014, IN RECEPTION ROOM, CITY ADMINISTRATIVE CENTRE, BRIDGE ROAD, NOWRA COMMENCING AT 4.03PM

The following members were present:

Clr Watson – Chairperson
Clr White
Clr Kitchener
Gabrielle Pietrini
Jessica Zealand
Terry Barratt
Barry Harper
John Downey
Tony Emery
John Tate
David McCorkell
Bill Piggott
Ian Borrowdale
Graham Philpott
Brad Dudley

Others Present:

Isabelle Ghetti – Natural Resources and Floodplain Manager
Kelie Lowe – Environmental Services Manager
Ray Massie – Coasts and Estuaries Officer

Apologies:

Apologies were received from Allan Lugg, John Murtagh and Habib Ullah.

1. Minutes of Previous Meeting

MOTION: Moved: Tony Emery / Second: John Downey

RESOLVED that the minutes of the meeting of the Northern Shoalhaven Natural Resources and Floodplain Management Committee, held on Wednesday 27 November 2013, be adopted.

CARRIED

CORPORATE AND COMMUNITY SERVICES

2. Membership Representation - Department of Planning & Infrastructure File 46778E

MOTION: Moved: Ian Borrowdale / Second: Clr Kitchener

RESOLVED that the report regarding Membership Representation – Department of Planning & Infrastructure be received for information.

CARRIED

PLANNING AND DEVELOPMENT

3. Update on the 2013/14 Coastal and Estuary Program File 3406E

MOTION: Moved: Barry Harper / Second: Clr White

RESOLVED that the Northern Shoalhaven Natural Resources and Floodplain Management Committee receive the report regarding the Update on the 2013/14 Coastal and Estuary Program for information.

CARRIED

4. Shoalhaven River Agricultural Drainage Remediation Project Update File 47992E

The Committee was advised that the report on drainage remediation is close to being finalised. Roots have been removed from a drain near Swamp Road as part of the maintenance process. Unfortunately the ground water table was drained as a result causing an acid plume, Department of Fisheries have been notified. Emphasis was given on the ongoing need to be careful in the maintenance of drains because of the potential to cause permanent damage.

Clr Watson warned of the threat of permanent inundation to Terrara Swamp if the drains are not adequately maintained.

MOTION: Moved: Barry Harper / Second: Clr White

RESOLVED that the Northern Shoalhaven Natural Resources and Floodplain Management Committee receive the report regarding the Shoalhaven River Agricultural Drainage Remediation Project Update for information.

CARRIED

5. 2014-15 Estuary and Coastal Management Grant Project Applications File 48579E

MOTION: Moved: Barry Harper / Second: Tony Emery

RESOLVED that the Northern Shoalhaven Natural Resources and Floodplain Management Committee receive the report regarding the 2014-15 Estuary and Coastal Management Grant Project Applications for information.

CARRIED

6. Floodplain Management Program Update File 4355E

Isabelle asked the members of the Committee if they had any input of preferred dates or venues in between 23 June and 27 June 2014 for the Greenwell Point Meeting. It was suggested Isabelle contact the Acing President of local CCB, Get to the Point, Rod Wallis.

MOTION: Moved: Barry Harper / Second: Clr Kitchener

RESOLVED that the Committee receive the report regarding Floodplain Management Program Update on the Floodplain Management Program Update for information.

CARRIED

GENERAL BUSINESS

7. Additional Item – Meeting Attendance File 46778E

Mr Fletcher discussed the frequency of NRFMC meetings and suggested that; as this meeting's business paper consisted of general updates to ongoing projects rather than new matters that may need consideration, the Committee consider receiving updates via email.

These updates could be sent 2-3 weeks prior to a scheduled meeting, therefore allowing cancellation of the meeting if no further action is required. If any member considers there is a need to hold the meeting a reply "to all" with that suggestion can then be considered by staff and members. It may be possible to address concerns through email but if not, the Committee can then decide to go ahead with the meeting.

The Committee were in agreement with Mr Fletcher's suggestion and also agreed that if there were any new matters proposed for that meeting that weren't urgent they could be held over to the next meeting. It was also recognised that the need to continue to record attendance and keep members informed was critical. The Committee generally agreed with this suggestion and the following motion was then formed.

MOTION: Moved: Tony Emery / Second John Tate

RESOLVED that the General Manager (Planning and Development Services) closely monitor the potential business to be considered at each meeting and following consultation with members, determine if the meeting is to go ahead.

CARRIED

8. Additional Item – Resignation - John Tate File 46778E

Mr John Tate, one of the Riverwatch representatives, advised the Committee of his wish to resign.

Mr Tate thanked Council for the opportunity to participate in the NRFM Committee and also stated how impressed he was with the professionalism of Council's staff in Natural Resource and Floodplain Management and the comprehensive information presented in the business papers.

MOTION:

Moved: Bill Pigott / Second: Tony Emery

RECOMMENDED that:

- a) The resignation received from John Tate be accepted;
- b) The General Manager (Planning and Development Services) write to John Tate, thanking him for he's input into the Committee over the years.

CARRIED

There being no further business, the meeting concluded, the time being 4.36pm

Clr Watson
CHAIRPERSON

**NORTHERN SHOALHAVEN NATURAL RESOURCES AND FLOODPLAIN
MANAGEMENT COMMITTEE**

MONDAY, 11TH AUGUST 2014

PLANNING AND DEVELOPMENT

1. **Broughton Creek Floodplain Risk Management Study and Plan - Stock Mounds Assessment** **File 39480E**
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SECTION MANAGER: Kelie Lowe

PURPOSE:

To inform the Committee of the progress of the Broughton Creek Floodplain Risk Management Study and Plan Stock Mounds Feasibility Assessment process being conducted as part of the State Government funded Floodplain Management Program, and to seek the Committee's concurrence to place the draft document on public exhibition.

RECOMMENDED that the Committee:

- a) **Endorse the recommendations of the draft Broughton Creek Floodplain Risk Management Study and Plan Stock Mounds Assessment; and**
- b) **Recommend to Council to place the draft Broughton Creek Floodplain Risk Management Study and Plan Stock Mounds Feasibility Assessment on public exhibition; and**
- c) **Recommend to Council to consider including the development controls outlined in the draft Broughton Creek Floodplain Risk Management Study and Plan Stock Mounds Assessment into an appropriate section of the Citywide DCP.**

OPTIONS:

1. As recommended.

Implications: The draft Broughton Creek Floodplain Risk Management Study and Plan Stock Mounds Assessment thoroughly investigated the stock mound flood mitigation option recommended in Council's adopted Broughton Creek Floodplain Risk Management Plan. The assessment recommends flood specific controls that will allow the ready implementation of stock mounds, should the farmers in the floodplain wish to do so.

2. The Committee could choose to provide an alternative recommendation for future consideration by Council.

Implications: Will depend on option or direction given.

DETAILS:

In January 2013 Council's consultants Cardno completed the Broughton Creek Floodplain Risk Management Study and Plan (FRMSP). Following the adoption of the FRMSP Council engaged Cardno to further investigate the implementation of the adopted flood mitigation option of "stock mounds" in the rural Broughton Creek floodplain. The Final Draft of the Broughton Creek FRMSP Stock Mounds Assessment report (**Attachment A**) has now been completed and ready to be placed on public exhibition.

The study has investigated the flood impact of constructing stock mounds in the floodplain, as well as other restrictions and controls required by various NSW government agencies [including NSW Roads and Maritime Services (RMS), NSW Department of Primary Industry (DPI), NSW Office of Environment and Heritage (OEH) and the Southern River Catchment Management Authority (SRCMA)] and concluded that the construction of stock mounds can be an effective flood mitigation option for rural properties in the Broughton Creek Floodplain.

The draft Broughton Creek FRMSP Stock Mounds Assessment recommends a range of development controls that should be considered when proposing the construction of a stock mound in the Broughton Creek Floodplain that Council should consider including into an appropriate section of the Citywide DCP.

FINANCIAL IMPLICATIONS:

Two thirds of funding for this project has been provided under the NSW State Assisted Flood Program 2012/13. Council's contribution comes from the existing general Floodplain Management Program budget.

The implementation of this project would not directly cost Council, rather this project sets a framework in which individual land owners can implement a flood mitigation option that will benefit their properties, particularly in readiness for the surplus fill expected to be produced by the RMS "Berry Bypass" project.

COMMUNITY ENGAGEMENT:

Extensive community consultation was undertaken throughout the Broughton Creek FRMSP adopted in 2013 which resulted in the stock mounds option being recommended and endorsed by the community. This project followed directly from that 2013 FRMSP and sought more in-depth feedback from the community on their expectations and requirements for the implementation of stock mounds as a flood mitigation option.

Cardno contacted the rural property owners within the Broughton Creek floodplain through a mail out containing a brochure and a survey. This yielded a good response rate of 17% (43 respondents), which is higher than the usually expected response rate of 10%; typically received for similar types of studies.

Stakeholder and agency consultation was also undertaken and included the RMS, DPI, OEH and SRCMA.

CONCLUSION:

The construction of stock mounds can be an effective flood mitigation option for rural properties in the Broughton Creek Floodplain. The draft Broughton Creek FRMSP Stock Mounds Assessment has been prepared by consultants Cardno to be placed on public exhibition and recommends a number of development controls and considerations for the appropriate implementation of this flood mitigation option.

2. Greenwell Point Floodplain Risk Management Options Feasibility Study File 46971E

SECTION MANAGER: Kelie Lowe

PURPOSE:

To inform the Committee of the progress of the Greenwell Point Floodplain Risk Management Options Feasibility Study being conducted as part of the State Government funded Floodplain Management Program, and seek the committee's concurrence to place the draft document on public exhibition.

RECOMMENDED that the Committee:

- a) **Endorse the recommendations of the draft Greenwell Point Floodplain Risk Management Options Feasibility Study; and**
- b) **Discuss and provide a recommendation which states whether the levee option should be considered as a future project for Council and community; and**
- c) **Recommend to Council to place the draft Greenwell Point Floodplain Risk Management Options Feasibility Study on public exhibition.**

OPTIONS:

1. As recommended.

Implications: The draft Greenwell Point Floodplain Risk Management Options Feasibility Study thoroughly assessed the feasibility of implementing the floodplain risk management options recommended for Greenwell Point in the Lower Shoalhaven River Floodplain Risk Management Plan, reflecting the economic benefits to the community, has undergone extensive community consultation and reflects the social acceptance of the options

2. The Committee could choose to provide an alternative recommendation for future consideration by Council.

Implications: Will depend on option or direction given.

DETAILS:

In June 2013 Council engaged consultants WMAwater to undertake an implementation study into the feasibility of enacting the floodplain risk management options recommended for Greenwell Point from the Lower Shoalhaven River Floodplain Risk Management Plan (LSRFRMP). The project aims of the Greenwell Point Floodplain Risk Management Options Feasibility Study (GPFRMOFS), (**Attachment B**) were to undertake a detailed assessment of:

- the raising of Greenwell Point Road above a 10% AEP flood level;
- the construction of a ring levee around Greenwell Point to an optimum and feasible flood level;
- house raising of properties affected by above-floor flooding;
- additional flood planning development controls for Council's DCP106 and DCP123;
- flood intelligence and planning that may assist the Nowra SES; and
- awareness and education initiatives for the Greenwell Point community.

The study report is now in its final draft format in preparation for public exhibition. Findings from the report include:

- Flooding from Greenwell Point occurs as a result of high river levels, elevated ocean levels such as a king tide or storm surge or a combination of both flood mechanisms, and affects over 300 properties with a significant number being subjected to above-floor flooding resulting in average annual damages estimated to be in the order of \$4 million.
- There is limited space in Greenwell Point for the community to refuge outside of the flood extent (for a 10% AEP flood and larger), with only two small "high flood islands". Protection from flood and emergency evacuation are considered important measures for the village.
- The raising of Greenwell Point Road to be flood free in a 1% AEP flood event would not be feasible, however, raising it to a minimum level of 1.9m AHD (approximately the 10% AEP flood level) would provide a consistent serviceable level on the road and would result in improved evacuation reducing the risk to life and other intangible flood damages.
- The construction of a ring levee around Greenwell Point is the only way to prevent inundation of building floors from elevated river levels, ocean levels and/or from future rising sea levels. The construction of a levee to protect the community from all flooding (i.e. up to the PMF flood level) would not be feasible as some sections would be 6m high. However, a ring levee affording protection up to the 10% AEP event would reduce the average annual damages by approximately \$2.7 million giving a benefit/cost ratio in the order of 4:1 over an assumed 50-year lifetime. A

ring levee for the 10% AEP event is a highly economically feasible option but the community did not indicate its support for a levee during the community consultation phase of the study.

- No additional buildings were identified for house raising. Council's current DCP106 is considered sufficiently robust in ensuring future development is compatible with existing and future flood risk.

Community consultation highlighted and concluded that:

- Residents of Greenwell Point are largely unsupportive of a levee being constructed.
- Residents had a divided opinion on the benefits of raising Greenwell Point Road. Those that were unsupportive typically believed that the option may result in additional stormwater issues. It was noted by the consultant that this is not a concern as proper assessment and implementation of drainage structures would be part of the design and implementation process.
- Many residents would opt not to evacuate, as they expect resources and rescue to be supplied/available.

Recommendations of the draft GPFRMOFS are:

- Greenwell Point Road, or parts thereof, should be raised to a minimum consistent level of 1.9 m AHD. It is recommended that Council identify and apply for future funding to raise Greenwell Point Road, as well as plan for such work to be incorporated into future road works programs. Appropriate drainage in any raised section will need to be assessed and implemented appropriately as part of the work to raise the road.
- A ring levee for the 10% AEP event is economically feasible. The elected council members should make the ultimate decision as to the social acceptance of the levee option within the community and whether to proceed with it at the present time or into the future.
- Reference in DCP106 Amendment 1 to specific flood development controls for 12 properties arising from the LSRFRMSP should be removed as the controls provided in the DCP are sufficiently robust.
- Council and the SES should undertake a community awareness and education program to raise awareness of the flood risk at Greenwell Point.

FINANCIAL IMPLICATIONS:

Two thirds of the funding for this project has been provided under the NSW State Assisted Flood Program 2012/13. Council's contribution came from the existing general Floodplain Management Program budget.

The investigation into the implementation of the raising of Greenwell Point Road estimated that the cost of completing such a project would be in the order of \$2.8 million.

However, since this option addresses mainly intangible damages it is not possible to easily identify the benefit cost of this option. Such a project may attract grant funding through the NSW State Assisted Flood Program (currently 2:1 funding ratio) and it is not likely that Council would proceed with this option without such financial assistance.

A levee constructed up to the 10% AEP flood level is estimated to cost in the order of \$5 to \$10 million. However, over a 50 year life span, it is expected to reduce damages from up to \$59 million to \$19 million and result in a benefit/cost ratio of 4:1 which would make it a potentially economically viable option. However, implementation of such a project would require financial assistance, and again the NSW State Assisted Flood Program could be a potential source of funding.

COMMUNITY ENGAGEMENT:

Community engagement has been an important aspect of the GPFRMOFS. A community brochure and survey was mailed out (and made available online) in August 2013. A media release was also issued at this time. A second newsletter was mailed out in May 2014 and was followed by community workshop held at the Greenwell Point Community Hall on 27 June 2014.

The final stage of community consultation will be the public exhibition of the study and the collation of any submissions received.

CONCLUSION:

The draft GPFRMOFS has been prepared by consultants WMAwater to be placed on public exhibition. Both the raising of Greenwell Point Road and the construction of a ring levee around Greenwell Point are potentially economically feasible floodplain risk management options particularly with external funding. However, the levee is largely unsupported by the community.

3. Floodplain Management Report Update

File 4355e

SECTION MANAGER: Kelie Lowe

PURPOSE:

The purpose of this report is to inform the Committee of the current projects being conducted as part of the State Government funded Floodplain Management Program.

RECOMMENDED that the Committee receive the report on the Floodplain Management Program Update for information.

OPTIONS

1. Receive this report on the Floodplain Management Program for information.

Implications: Nil

2. The Committee could choose to provide an alternative recommendation for future consideration by Council.

Implications: Depends on option or direction given

DETAILS

Council receives grant funding from the State Government's Office of Environment and Heritage (OEH) to undertake projects under the Floodplain Management Program. Grant funding is provided to Council on a 2:1 basis. Grant applications are sought each financial year.

The Floodplain Management Program provides grant funding to:

- develop flood studies;
- develop floodplain risk management studies and plans; and
- implement flood mitigation options identified in floodplain risk management plans.

Council currently has a number of projects underway and a number of grant applications pending. These projects are discussed in detail below.

Broughton Creek Floodplain Risk Management Study and Plan – Stock Mounds Assessment

Details provided in separate report.

Kangaroo Valley Floodplain Risk Management Study and Plan

The Stage 2 report which covers the assessment of mitigation options and flood damages was completed in June 2014.

Following the receipt and review of the Stage 2 report, the first community consultation workshop was held on the 16th June 2014. The workshop introduced the project to the community, explained the existing flood risk and discussed the preliminary mitigation options that consultants intend to assess.

The next major report to be provided by Cardno (flood consultant) would be the public exhibition of the draft Kangaroo Flood Risk Management Study and Plan. A second community workshop will be held during the public exhibition period.

Bomaderry Creek Floodplain Risk Management Study and Plan

Recently a survey team collected floor level survey to assist with flood damages calculations. An additional hydraulic structure survey was undertaken within the Bomaderry Creek floodplain to update the existing model. Cardno provided a model update report (end of June 2014), outlining updates to the existing Bomaderry Creek hydrological and hydraulic models.

The next step will be the assessment of climate change impacts on flood behaviour, identification of potential flood mitigation options and the first community consultation workshop (scheduled early September 2014). This workshop will go through the risk management study and plan process and discuss potential flood mitigation options with the community.

Nowra and Browns Creeks Floodplain Risk Management Study and Plan

Additional survey was undertaken in May 2014 to be included in the hydraulic model in order to clarify differences between ALS data and previous model cross sections. The aim is to improve the terrain used in the hydraulic model and provide up-to-date flooding information.

Once Cardno (flood consultant) has updated the models with the additional survey information, the floodplain management options will be assessed. The next step will then be the first community consultation workshop (scheduled for late 2014 or early 2015). This workshop will go through the risk management study and plan process and discuss potential flood mitigation options with the community.

Greenwell Point Floodplain Risk Management Options Feasibility Study

Details provided in separate report.

Other Projects in Progress in the Shoalhaven:

- Lake Wollumboola Flood Study – In progress, community consultation meeting scheduled for 7 August 2014;
- Currumbene and Moona Moona Creek Floodplain Risk Management Study and Plan – In progress, first community consultation meeting scheduled for 26 August 2014;
- Tabourie Lake Floodplain Risk Management Study and Plan – In progress, due for completion by the end of 2014.

Other Projects Awaiting Grant Application Determinations:

Council is still awaiting an announcement from the NSW State Government whether its grant application for the Berry town creek vegetation management works under the 2014/15 NSW Government's Floodplain Management Program was successful. There is no confirmed date as to when this announcement might occur.

FINANCIAL IMPLICATIONS:

Two thirds of the funding for the above projects have been provided under the NSW State Assisted Flood Program 2012/13. Council's contribution comes from the existing general Floodplain Management Program budget.

COMMUNITY ENGAGEMENT:

Community engagement is a core part of the floodplain management process. Community information brochures, questionnaires, workshops, information sessions and formal exhibition will be included in the above projects.

CONCLUSION:

- # A number of projects are currently being conducted as part of the state funded Floodplain Management Program. **Attachment C** provides a list of all projects, past and present, split into the three Natural Resources and Floodplain Management Committee areas so each area can see what the projects are and which ones have occurred in their area.
4. **Shoalhaven River Agricultural Drainage Remediation Project Update** **File 47992E**

SECTION MANAGER: Kelie Lowe

PURPOSE:

To advise the Committee of the current status of this key project for the Shoalhaven River.

RECOMMENDED that the Committee receive for information.

OPTIONS

1. Receive this report on the Shoalhaven River agricultural drainage remediation project for information.

Implications: Nil

2. The Committee could choose to provide an alternative recommendation for future consideration by Council.

Implications: Depends on option or direction given.

DETAILS:

Council's 2014-2015 Estuary Management Program included an application for \$50,000 to continue the landowner education / engagement program and deliver detailed design for two high priority demonstration sites. The implementation phase of the Remediation Action Plan responds to the significant environmental threat posed by the presence of acid sulphate soils within Council's network of agricultural drains / floodgate system.

Key progress outcomes include:

- Water Research Laboratory (WRL) (UNSW) has completed the strategic review of the drainage network and developed remediation options and priority for the 39 drainage catchments;
- Recent heavy rainfall triggered a potential acid sulphate soil plume event and Council worked with WRL to develop a monitoring program and data capture for this event; and
- Community engagement and landowner discussions have commenced with the distribution of the first issue of the Gumboot Newsletter as a milestone for the project with the local land services wetlands rehabilitation project workshop invitations included in the mailout.

The attachment (**Attachment D**) is selected extracts of the Draft Remediation Action Plan and forms the landowner information package to inform of future implementation consultation.

FINANCIAL IMPLICATIONS:

The project budget of \$100,000 budget has been recommended by OEH staff to proceed on a 50:50 basis. Additional support is provided by the annual Flood Mitigation budget that provides additional \$100,000 capacity to undertake trial asset replacement and maintenance techniques. The WRL successfully applied for Fisheries Habitat Action grant funding of \$30,000 which is now available for implementation of the Remediation Action Plan.

COMMUNITY ENGAGEMENT:

Letters will be sent to introduce the project to high priority acid sulphate soil sub catchment landowners inviting involvement in the implementation of the remediation actions. Issue 2 of the Gumboot newsletter will expand the consultation program during the next design / implementation stage of the project.

5. **Shoalhaven Authorised Location Coastal Erosion Remediation Design Project Update** **File 47991E**

SECTION MANAGER: Kelie Lowe

PURPOSE:

To advise the committee of the current status of this key project for the Shoalhaven coastal zone.

RECOMMENDED that the Committee receive for information.

OPTIONS

1. Receive this report on the Shoalhaven Authorised Location project for information and endorse posting the report on the Coastal Zone Management Plan (CZMP) project website.

Implications: Nil

2. The Committee could choose to provide an alternative recommendation for future consideration by Council.

Implications: Depends on option or direction given.

DETAILS:

Royal Haskoning has completed a Draft Erosion Remediation Strategy that will require a comprehensive community engagement strategy to explain the complexity of coastal management, discuss implications of coastal risk, address misconceptions, answer questions and explore adaptive management options for coastal communities, including:

- Community surveys to gauge local understanding of science and engineering methods;
- Beach front information sessions; and
- Community engagement workshops to discuss site specific responses.

- # The Draft Report (**Attachment E**) has been prepared to guide future community consultation.

FINANCIAL IMPLICATIONS:

Council has submitted a grant application to the NSW Office of Environment & Heritage (OEH), with a project budget of \$80,000, seeking 50% funding to deliver a comprehensive community engagement strategy on coastal erosion.

COMMUNITY ENGAGEMENT:

A community engagement strategy in accordance with Council's Community Engagement Policy will be developed for site specific workshops.

6. South Coast Regional Sea Level Rise Benchmarks and Policy Response framework project update File 30596E

SECTION MANAGER: Kelie Lowe

PURPOSE:

To advise the Committee that Council resolved on 29 July 2014 (MIN14.501) to place the draft South Coast Regional Sea Level Rise Policy and Planning Framework report on public exhibition until 12 September 2014.

RECOMMENDED that the Committee receive for information.

OPTIONS

1. Receive the report for information and provide comment on the draft Report to be found on Council's website under –'Documents on exhibition'.
<http://shoalhaven.nsw.gov.au/MyCouncil/Publicexhibition/Documentsonexhibition.aspx>

Implications: Nil

2. The Committee could choose to provide an alternative recommendation for future consideration by Council.

Implications: Depends on option or direction given.

DETAILS

The report has been developed in partnership with Eurobodalla Shire Council and the Office of Environment and Heritage. Key points include:

- The draft report uses local data to provide a comprehensive assessment of sea level rise science and includes advice on local sea level rise projections and their application;
- The report is based on a risk management approach and provides advice on local sea level rise projections and their application within a planning framework; and
- In compiling the report, the project consultant has taken on board the previous concerns raised by both Councillors and the general public in relation to how the data affects our specific area.

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- # The Sea Level Rise Guide note (**Attachment F**) provides an overarching summary statement of the report.

FINANCIAL IMPLICATIONS:

The project has been a collaboration between Eurobodalla Shire Council and Shoalhaven City Council, supported by the Office of Environment and Heritage. The future financial implications will be assessed as part of the exhibition process.

COMMUNITY ENGAGEMENT:

The public exhibition includes media releases, letters to affected beach front property owners and emails to Community Consultative Bodies, with any review of Policy responses requiring significant additional community engagement.

7. **2014 NSW Coastal Conference - Community attendance** **File 42405E**
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SECTION MANAGER: Kelie Lowe

PURPOSE:

To advise the Committee that Council resolved on 29 July 2014 (MIN 14.500) to provide ten places for community representatives to attend the 2014 Coastal Conference in Ulladulla, to be held at the Civic Centre 11 - 14 November 2014.

RECOMMENDED that the Committee:

Endorse the proposal to nominate three representatives from each of the 3 Natural Resources Floodplain Management Committees, and one member of the Bushcare Representative Group to attend the conference.

OPTIONS

1. As recommended

Implications: Nil

2. The Committee could choose to provide an alternative recommendation for future consideration by Council.

Implications: Depends on option or direction given.

DETAILS

Shoalhaven City Council accepted an invitation to host the 2014 NSW Coastal Conference and commenced monthly phone conference meetings in February with organisers, East Coast Conferences, to confirm the venue and program themes within the organising committee. Representatives of the organising committee include the Office of Environment and Heritage, Sydney Coastal Councils group, University of Wollongong, Local Land Services, Crown Lands and Council staff (Isabelle Ghetti, Ray Massie, Penny Lumb and Margaret Simoes).

The current progress includes booking of the venues, Ulladulla Civic Centre, and major dinner locations including Mollymook Surf Club, Mollymook Golf Club and Ulladulla Bowling Club. Preliminary organisation of field trips and major catering contracts has commenced. The call for conference papers has recently closed, with the review committee completing the review of abstracts, are set to commence final conference program deliberations during August.

FINANCIAL IMPLICATIONS:

The associated community attendance costs will be provided from existing operational budgets.

COMMUNITY ENGAGEMENT:

Members of the Natural Resources Floodplain Management Committees already represent the appropriate community consultative forum best placed to attend the conference.

Tim Fletcher

DIRECTOR PLANNING AND DEVELOPMENT SERVICES GROUP