Coastal Advisory Committee Meeting

Wednesday 2 March 2022





COASTAL ADVISORY COMMITTEE (CAC)

Notice is hereby given that a Coastal Advisory Committee meeting of Randwick City Council will be held in the McNevin Room, Prince Henry Centre, 2 Coast Hospital Rd, Little Bay on Wednesday, 2 March 2022 at 6pm

Councillors		
Mayor, Cr D Parker (Chairperson)	Mayor	RCC
Cr B Burst	Councillor	RCC
Cr K Chapple	Deputy Mayor	RCC
Cr A Luxford	Councillor	RCC
Cr J McCafferty	Councillor	RCC
Cr K Neilson	Councillor	RCC
Cr D Rosenfeld	Councillor	RCC
Cr D Said	Councillor	RCC
Cr P Veitch	Councillor	RCC
Coastal Stakeholder	S	
Luke Madden	CEO	Surfing NSW
Scott Muir	Director of Lifesaving & Education	SLS Sydney Branch
Bryce Wilde	President	Clovelly SLSC
Todd Mison	President	Coogee SLSC
Danny Donohoe	President	Maroubra SLSC
Paul Fownes	President	South Maroubra SLSC
Janice Morris	Secretary	Wylie's Baths Trust
Marianne Kadunc	President & Liaison Officer	McIver's Ladies Baths
Brian Williamson	President	Maroubra Seals Winter Swimming Club Inc- for Mahon Pool
Robert Cooley	Senior Ranger	Gamay Rangers
Ben Kahn	Manager Sydney South Area	NSW National Parks & Wildlife Service
RCC Officers		
Therese Manns	General Manager	RCC
Todd Clarke	Director City Services	RCC
Duncan Rennie	Manager Public Safety and Aquatic Services	RCC
Joe Ingegneri	Manager Technical Services	RCC
Ryan Zammit	Manager Infrastructure Services	RCC
Peter Halcro	Supervisor Beach Lifeguards	RCC
Paul Moffatt	Supervisor Beach Lifeguard	RCC

Acknowledgement of Country

"I would like to acknowledge that we are meeting on the land of the Bidjigal and the Gadigal peoples who occupied the Sydney Coast, being the traditional owners. On behalf of Randwick City Council, I acknowledge and pay my respects to the Elders past and present, and to Aboriginal people in attendance today."

Apologies/Granting of Leave of Absences

Confirmation of the Minutes

Coastal Advisory Committee - 1 December 2021

Declarations of Pecuniary and Non-Pecuniary Interests

Coastal Advisory Reports

CAC1/22	Capital Works Update - March 2021	
	Coastal Open Space Bookings and Activity	
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General Business

Todd Clarke DIRECTOR CITY SERVICES

Coastal Advisory Report No. CAC1/22

Subject: Capital Works Update - March 2021

Executive Summary

- Council's Manager Infrastructure Services provides the attached Capital Works update in relation to Coastal areas for the Randwick Coastal Advisory Committee (RCAC).
- Consideration is given to the success of:
 - Coogee Surf Life Saving Club Master Builders Association of NSW 2021 Excellence in Construction & Safety Awards, Winner, Hospitality Buildings - Refurbishment
- Please note the following projects have been shortlisted for the NSW IPWEA Excellence and Engineering Awards.
 - Coogee Oval Grandstand
 - Coogee Surf Life Saving Club
 - Maroubra Stormwater Harvesting and Outdoor Living Classroom
 - Purcell Pak Remediation and Stormwater Project
- Consideration is given to projects recently completed:
 - Coogee Lower Promenade Balustrade
 - Bundock Park Playground
 - GPT at Frenchmans Bay
 - Little Bay Asbestos Detailed Site Investigation
 - South Maroubra Surf Club footpath and circulation upgrades
 - Frenchmans Bay Playground Landscaping and Dune Restoration
- Consideration is given to projects under construction:
 - Clovelly Surf Life Saving Club refurbishment
 - La Perouse Monument Fence Restoration
 - Memorial for Fallen Lifesavers Stage 2
 - Mahon & Malabar Pool Coping
 - REP Boardwalk Connection and Outdoor Living Classroom (Discovery @ REP)
 - Coral Sea Park Playground
 - Yarra Bay GPT Construction
- Consideration is given to projects in planning:
 - Coral Sea Synthetic Field
 - Dunningham Reserve Amenities (Your Say)
 - South Maroubra Amenities
 - DRLC Splash Park
 - Coogee Oval Lighting Upgrade

Recommendation

That the Randwick Coastal Advisory Committee receive and note this report.

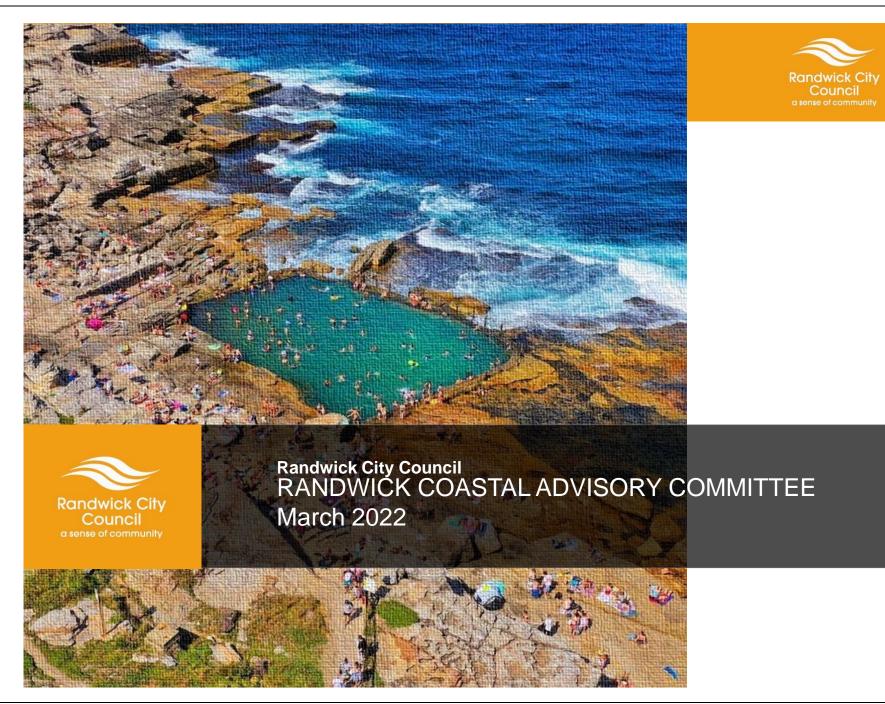
Attachment/s:

1.

Randwick City Coastal Advisory Committee March 2022 V0.01

Responsible officer: Ryan Zammit, Manager Infrastructure Services

File Reference: F2020/00714







Randwick City Council

Projects of Note:

Awarded NSW Master Builders Australia 2021

Master Builders Association of NSW 2021 Excellence in Construction & Safety Awards, Winner, Hospitality Buildings - Refurbishment

















NSW & ACT IPWEA Engineering Excellence Awards Shortlisted Projects x 4





Coogee Oval Grandstand

Maroubra Stormwater Harvesting and Outdoor Living

Classroom





Purcell Park Remediation and Stormwater Harvesting Project

Coogee Surf Life Saving Club Refurbishment







Randwick City Council

Recently Completed Works

COMPLETED Bundock Park Playground







Clovelly Playground concept development Randwick City Council 1300 722 542 randwick.nsw.gov.au



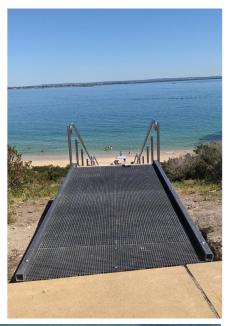
COMPLETED



Frenchman's Bay Dune restoration and retaining walls











COMPLETED



Other Works to Note:

- Coogee Lower Promenade Balustrade
- GPT at Frenchmans Bay (Water Quality improvements DPIE)
- Little Bay Asbestos Detailed Site Investigation
- South Maroubra Surf Club footpath and circulation upgrades





Randwick City Council

Current Works

IN CONSTRUCTION

Stage 2, Memorial for Fallen Lifesavers, Coogee Beach



Coogee Beach Memorial for Fallen Lifesavers - Stage 2









IN Construction-

Stage 2, Memorial for Fallen Lifesavers, Coogee Beach









In Construction;



La Perouse monument Restoration



Randwick Environment Park Boardwalk connection, and Outdoor living classroom



CONSTRUCTION- April/ MayMahon and Malabar Pool Coping pool surrounds





Wylie's Baths Rock Pool Upgrade - 12 MONTHS ON

Wylie's Baths was established in 1907 as one of the first mixed-gender bathing pools in Australia and remained one of the last surviving examples of a venue which was once common throughout Sydney. We were engaged to undertake maintenance of the baths, remediating a leaking pool and updating ordering to force the control of the part of t

LOCATION	Coogee, NSW
BUDGET	\$550k
DURATION	10 weeks
COMPLETED	2020

The scope of works included:

- All work required the careful dewatering of the heritage-listed pool before the commencement of each shift
- We employed a 50m boom pump to deliver specially designed 50MPa fibre marine concrete over a 100m distance to construct reinforced concrete stairs.
- After their construction, the stairs were fitted with anti-slip nosings, handrails and posts
- A major project component included leak repairs and general remediation which involved the installation of a new valve, pipe, and cap
- Final works involved installing a render capping layer on top of the rock pool. By using Cement All,



we were able to complete the works within a small tidal window and provide our valued client with a high-quality finish due to the products rapid set capability.

The results:

Wylis's Baths posse impressive long-wity and new challenges to the conventional construction appressed. We were extrusted to retain the historical integrity and spirit of the heritage-listed facility and successfully remodiated the pool with the installation of newly constructed statis and an outlet valve for drainage seams sensured the works were delivered salely and in line with strict environmental controls. 12 members, nine have been no signs of deterioration, maintaining a functional marine environmental coulded by the local community.





Rapid Set has been used in heavy marine environments for over 20 years without signs of degradation or compromise to properties

Bulk Marine Application





Work With Water Pipes

Rapid Set has been used with repeat applications in water, sewerage and marine environments throughout north America for over 20 years with no signs of





Collaroy Rockpool

Rapid Set Cament All ustilised for rock pool topping. After 9 years there has been no signs of degradation of the original topping.













IN CONSTRUCTION Coral Sea Park Playground





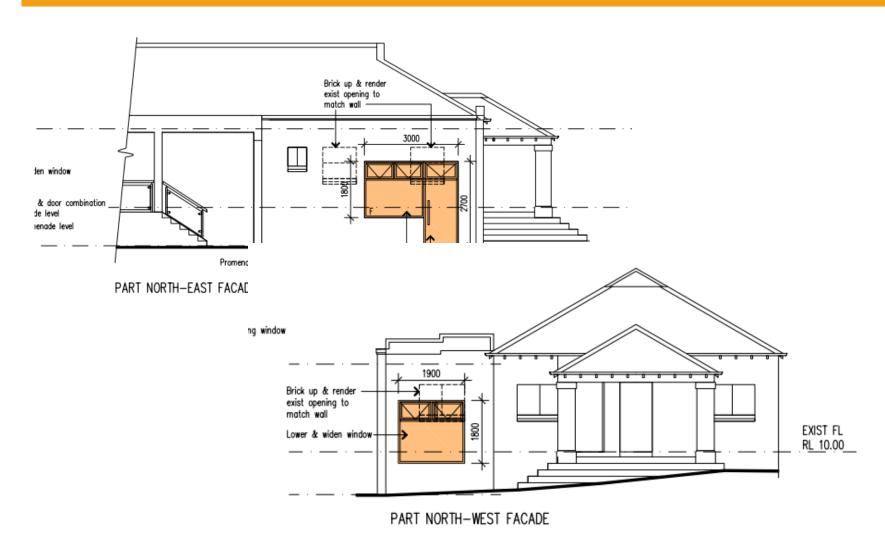
Coral Sea Park Playground concept





IN Construction- Clovelly Surf Life Saving Club - refurbishment









Randwick City Council

Proposed Works

PROCUREMENT

Synthetic Field, Coral Sea Park



Preferred Option & Design assessment for new synthetic soccer field

- Preferred option developed
- Soccer synthetic field
- Layout and configurations for summer and winter sports considered
- Community consultation concluded
- Preparing for procurement







PROCUREMENT

Des Renford Leisure Centre Splash Park













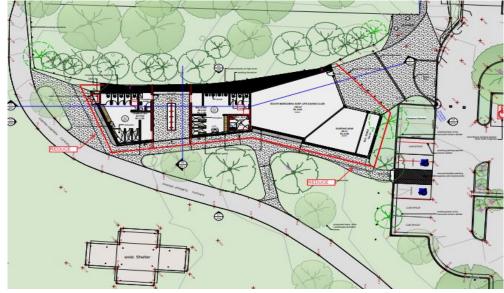


IN PLANNING- Development Approvals

South Maroubra Public Amenities







IN PLANNING- Consultation Dunningham Reserve Amenities Modernisation





Figure 2 Site Plan



Figure 3 Existing demountable toilet block

Planning underway

- Concept developed
- **DDA Compliant**
- 3x WC's- unisex bathrooms
- Shared open wash area
- 1x DDA WC
- Lighting and Security
- Will be at ground level- no steps
 - Water fill station





Figure 5 Proposed Layout





Figure 6 3D Render of completed project

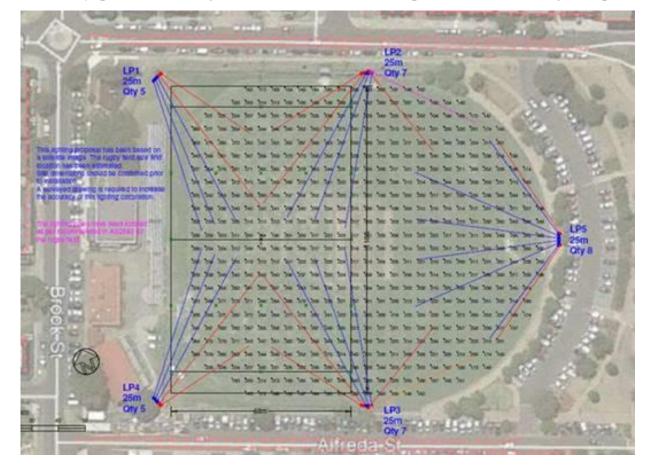


IN PLANNING- Procurement Coogee Oval Lighting Upgrade



Coogee Oval is currently served by an antiquated lighting system that is insufficient for the lighting of sporting activities and not fit for purpose in this location. This project aims to upgrade the system to allow for a greater diversity of games to be

played



Coastal Advisory Reports No. CAC2/22

Subject: Coastal Open Space Bookings and Activity

Executive Summary

- The attached Coastal Area Open Space Bookings and Nipper Season summary has been prepared for the Randwick Coastal Advisory Committee (RCAC).
- The activity schedule lists planned activities in our coastal reserves between 1 March 2022 and the end of May 2022.
- The activity schedule is provided for information and is subject to change with additional activities likely to be booked in the period.

Recommendation

That the Randwick Coastal Advisory Committee receive and note this report.

Attachment/s:

1. I

Open Space Bookings March to 30 May 2022

Responsible officer: Joe Ingegneri, Manager Technical Services

File Reference: F2020/00714

Open Space Bookings



LIST OF EVENTS- MARCH TILL MAY 2022

Date	Organiser	Type of Event	Location and Time	Booking Number
Thursday 3 March	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603
Friday 4 March	Surfing NSW	Mad Mex Competition	Maroubra Beach 6.00am – 4.00pm	20098
Saturday 5 March	Surfing NSW	Mad Mex Competition	Maroubra Beach 6.00am – 4.00pm	20098
Sunday 6 March	Maroubra Surf Club Cristina Pemberton- 0414 953 768	Nippers	Maroubra Beach 6.00am – 11.00am	20412
	South Maroubra Surf Life Saving Club Greg Turton- 0414 342 334	Nippers	South Maroubra Beach 8.00am – 11.00am	20420
	Clovelly SLSC Nippers	Nippers	Clovelly Beach 8.00am – 11.00am	20396
	Coogee Minnows Emily Ashcroft- 0417 674 124	Nippers	Coogee Beach 6.00am – 12.00pm	20394
	Surfing NSW	Mad Mex Competition	Maroubra Beach 6.00am – 4.00pm	20098
Wednesday 9 March	Iris Van Veenan	Filming	Alison Park 9.00am – 12.00pm	21152
Thursday 10 March	Division Films	Filming	Jack Vanny Memorial Reserve 6.30am – 9.30am	21146
	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603
Sunday 13 March	Running for Premature Babies	Event	Grant Reserve 8.00am – 5.00pm	20702
Monday 14 March	Fremantle Media	Filming	Clovelly Carpark	21150

OPEN SPACE BOOKINGS - LIST OF EVENTS

PAGE 1/4

Date	Organiser	Type of Event	Location and Time	Booking Number
			6.00am – 6.00pm	
Thursday 17 March	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603
Friday 18 March	Cody Baxter	Wedding	South Maroubra Beach – Grass Area 3.30pm – 4.30pm	20775
Saturday 19 March	Jaqui Simmis	Wedding	South Maroubra Beach- Grassed Area 5.00am – 6.00pm	17802
Thursday 24 March	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603
Saturday 26 March	Malaysian Fair	Event	Alison Park 7.00am – 6.00pm	21145
	Zoe Caley	Wedding	Dunningham Reserve 4.00pm – 5.00pm	21069
	Alex Karp	Wedding	South Maroubra Beach Grassed Area 3.00pm – 4.30pm	19923
Sunday 27 March	Ronald McDonald House	Walk Me Home Charity	Dunningham Reserve 6.00am – 4.00pm	20184
Monday 28 March	Pinnacle Team Events	Corporate Team Building	Grant Reserve 2.00pm – 5.00pm	21075
Thursday 31 March	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603
Saturday 2 April	Clare Power	Wedding	Dunningham Reserve 3.30pm – 4.30pm	20238
	Maroubra Surfers Association	Boardriders	Maroubra Beach 7.00am – 6.00.pm	21155
Sunday 3 April	Cormac Gaelic Football	Event	Maroubra Beach 7.00am – 6.00pm	20717
Thursday 7 April	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603
Saturday 8 April	Maroubra Bodyboarders	Bodyboarders	Maroubra Beach 7.00am – 6.00.pm	21155
Friday 8 April	Christopher O'Connell	Wedding	South Maroubra Beach	20985

OPEN SPACE BOOKINGS - LIST OF EVENTS

Date	Organiser	Type of Event	Location and Time	Booking Number				
			4.00pm – 5.00pm					
Saturday 9 April	Mary-Ann Long	Wedding	South Maroubra Beach 3.00pm – 5.00pm	20314				
Sunday 10 April	Coogee Surf Club Ocean Swim							
Thursday 14 April	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603				
Saturday 16 April	Emeline Newbon	Wedding	Trenerry Reserve 1.00pm – 3.00pm	17306				
Thursday 21 April	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603				
Saturday 23 April	Andrew Ford	Wedding	Dunningham Reserve 2.00pm – 4.00pm	20163				
	Southend Boardriders	Boardriders	Maroubra Beach 7.00am – 6.00.pm	21155				
Sunday 24 April	South Maroubra Ocean Swim	Event	South Maroubra Beach 7.00am – 3.00pm	20689				
Thursday 28 April	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603				
Saturday 30 April	North End Boardriders	Boardriders	Maroubra Beach 7.00am – 6.00.pm	21155				
Sunday 1 May	Coogee Surf Club - Run Swim Run	Event	Dunningham Reserve, Coogee Beach, Grant Reserve, Clovelly Beach, Gordan's Bay 7.00am – 2.00pm	20753				
Monday 2 May	Jeffrey Song	Wedding	Maroubra Beach 10.30am – 1.30pm	21149				
Thursday 5 May	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603				
Saturday 7 May	Maroubra Surfers Association	Boardriders	Maroubra Beach 7.00am – 6.00.pm	21155				

OPEN SPACE BOOKINGS - LIST OF EVENTS

Date	Organiser	Type of Event	Location and Time	Booking Number
Thursday 12 May	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603
Saturday 14 May	Maroubra Bodyboarders	Bodyboarders	Maroubra Beach 7.00am – 6.00.pm	21155
Thursday 19 May	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603
Saturday 21 May	Southend Boardriders	Boardriders	Maroubra Beach 7.00am – 6.00.pm	21155
Saturday 28 May	North End Boardriders	Boardriders	Maroubra Beach 7.00am – 6.00.pm	21155
Thursday 29 May	Marcellin College Randwick	School Sport	Maroubra Beach or Frenchman's Bay Beach or Yarra Bay Beach 12.00pm – 3.00pm	20603

Coastal Advisory Report No. CAC3/22

Subject: Coastal Operation Update - March 2022

Executive Summary

- Council's Manager Public Safety and Aquatic Services provides the attached operational update from the Randwick City Council beach lifeguards for the Randwick Coastal Advisory Committee (RCAC).
- The 2021/22 season has remained relatively quiet on the beaches, with 5,578,550 visitors from July to January, compared to 5,991,200 during the same period in 2020/21 (~7% less).
 - Oct 2021-Jan 2022 has seen 3,944,550 visitors to RCC's 3 patrolled beaches
- 'Rescues' have increased dramatically July 2021-Jan 2022 (424), compared to the same period in 2020/21 (320) an increase of ~33%.
 - Jan. 2022 saw 253 rescues compared to Jan. 2021 recording 175 (~45% more).
- 'Major Incidents' were down by ~38%, with 109 in July 2021 Jan 2022 compared to 176 across the same 7-month period in 2020/21.
- Shark sightings are up from 8 in July 2020 Jan 2021, to 18 in the same period 2021/22.
 - Lifeguards have noted we are in the middle of a marine heat wave which results in the East Australia Current (EAC) getting an influx of warm water which extends as far as Tasmania

 this is being referred to as the "topicalization" of the (EAC).
- There have been 3 water-based and 2 other fatalities along the RCC coastline so far in the 2021/22 season.
- Randwick City Council and Surf Life Saving representatives from the LGA have initiated regular operations meetings, to further improve communications and cooperation amongst the group.
- The Department of Primary Industries (DPI) have installed SMART Drumlines from Little Bay to Clovelly, following the fatal shark attack on 16 February. These will remain in place until the DPI contractor takes over the management of the SMART Drumlines and a VR4G listening station along the RCC coastline in the late February, as part of the Shark Smart program.

Recommendation

That the Randwick Coastal Advisory Committee receive and note this report.

Attachment/s:

1. Lifeguards Operational Update - Randwick Coastal Advisory Committee Meeting - 02.03.22

Responsible officer: Duncan Rennie, Manager Public Safety and Aquatic Services

File Reference: F2020/00714



Memorandum

TO: Todd Clarke, Director City Services

FROM: Duncan Rennie, Manager Public Safety & Aquatic Services

DATE: 02 March 2022 FILE: F2019/01067

SUBJECT: Lifeguards Operational Update

Randwick Coastal Advisory Committee Meeting

Background:

The purpose of this memo is to provide an operational update from the Randwick City Council beach lifeguards for the Randwick Coastal Advisory Committee. This information is to assist with any operational changes that are recommended or required, to further enhance the efficiencies and effectiveness for all beach user stakeholders.

Lifeguard Operational Update:

Beach Statistics

2021/22

	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	Spring	Summer
Beach users	479500	548500	606000	739450	512000	1167000	1526100	0	0	0	0	0	5,578,550	1,857,450	2,693,100
Rescues	5	16	21	55	5	69	253	0	0	0	0	0	424	81	322
First aids	447	544	682	945	618	1191	1996	0	0	0	0	0	6,423	2,245	3,187
Preventions	874	1003	1398	1857	1364	2536	4446	0	0	0	0	0	13,478	4,619	6,982
Regulations	1239	1157	1264	1823	1400	2938	2558	0	0	0	0	0	12,379	4,487	5,496
Surfcraft Warnings	374	1210	702	1058	427	880	1105	0	0	0	0	0	5,756	2,187	1,985
Major Incident	11	11	18	16	6	11	36	0	0	0	0	0	109	40	47
Shark Sightings	2	3	0	9	0	2	2	0	0	0	0	0	18		

2020/21 (Comparison)

	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Total	Spring	Summer
Beach users	548000	654300	571500	887200	1024700	985000	1320500	761500	730500	810000	397350	328000	9018550	2483400	3067000
Rescues	8	8	9	24	31	65	175	32	34	19	7	6	418	64	272
First aids	921	562	542	941	1017	1052	1870	943	827	980	487	383	10525	2500	3865
Preventions	1406	1081	1276	2331	2578	2658	3593	3241	2002	1820	829	694	23509	6185	9492
Regulations	1018	1195	1235	2195	2201	2138	2893	1969	1812	1854	1038	720	20268	5631	7000
Surfcraft Warnings	727	475	613	1024	1598	1007	1976	694	916	867	352	422	10671	3235	3677
Major Incident	16	11	5	21	29	40	54	18	16	9	14	10	243	55	112
Shark Sightings	0	0	3	2	2	0	1	0	0	3	0	3	14	•	



Key statistics from the 2021/22 season (to date):

- 1. The 2021/22 season has remained relatively quiet on the beaches, with 5,578,550 visitors from July to January, compared to 5,991,200 during the same period in 2020/21 (~7% less). This can be explained by the continuation of the La Nina weather patterns creating plenty of rain, the COVID lockdown and associated restrictions for the second half of 2021, along with challenging swell and beach conditions.
 - NB: Oct 2021-Jan 2022 has seen 3,944,550 visitors to RCC's 3 patrolled beaches
- 2. 'Rescues' have increased dramatically July 2021-Jan 2022 (424), compared to the same period in 2020/21 (320). This is an increase of ~33% and can be attributed to the large swells and associated rips that have seen many beach users needing to be rescued when entering the water outside of the flags. Also a factor is the changing demographic and inexperience of beach visitors.
 - NB: Jan. 2022 saw 253 rescues compared to Jan. 2021 recording 175 (~45% more).
- 3. 'Major Incidents' were down by ~38%, with 109 in July 2021-Jan 2022 compared to 176 across the same 7-month period in 2020/21. While not large numbers, it is a significant percentage decrease.
- 4. Shark sightings are up from 8 in July 2020-Jan 2021, compared to 18 in the same period 2021/22.
 - Lifeguards have noted we are in the middle of a marine heat wave EAC gets an influx of warm water which extends as far as Tasmania – normally heads east towards Lord Howe.
 Topicalisation of the East Australia Current (EAC)
 - Approximately 25 degrees
 - Tropical species now being seen in Sydney waters
- 5. There have been 3 water-based and 2 other fatalities along the RCC coastline so far in the 2021/22 season.
 - 21/12/21 male self-harm (Waverley), body retrieved near Clovelly
 - 08/01/22 male fell from cliffs at Coogee (Dolphin Point)
 - 31/01/22 father and son rock fishing at Little Bay (The Gutter)
 - 16/02/22 shark attack at Little Bay (Julianne's)

Beach Lifeguard update for the 2021/22 Season

- Randwick City Council and Surf Life Saving representatives from the LGA have initiated regular
 operations meetings, to further improve communications and cooperation amongst the group.
 The first meeting was held in late November 2021, with the most recent meeting being held
 on Thursday 10 February.
- Randwick City Council, as with all other Coastal Councils represented on the NSW Local Government Coastal Safety Group, has continued to take a "business as usual" approach to lifeguard services, patrols and water safety.
- The Surf Life Saving Branch Championships were hosted by Maroubra SLS club on the weekend of 5/6 February 2022, and while it was affected by the weather and swell conditions, it was a relative success. Beach activities were held at Maroubra, while the water-based events had to be relocated to Yarra Bay.



Page 2 of 3

- Like much of Council and Sydney, the beach lifeguard service was heavily affected by the highly contagious Omicron variant in late December and January. While isolation periods were reduced to 7 days and Close Contact classification was tightened, staff shortages were widespread making it difficult to adequately 'man' the beaches during this time.
 - It should be noted, the situation was very well managed by the beach lifeguards due to the split rosters, business continuity plans (i.e. avoiding crossover of staff) and the wider lifeguard team stepping up to cover shortages.
- The easing of COVID restrictions has not resulted in a change regarding Beach Lifeguard protocols / procedures when dealing with the public. Safety is paramount, so business continuity planning (keeping all LG's split into one of the two teams), first aid procedures, PPE, wearing masks/goggles, etc. all remain in place for the foreseeable future.
- The e-Bike trial at Clovelly has started well, with it being utilised on several occasions to assist with responding to incidents and emergencies on the north side of Clovelly. Most evident was the quick response to the body in the water on 21 December, allowing lifeguards to reach Burrows Park quickly and assist Police with identifying the location of the body and directing the RCC jet ski and Lifesaver 21 (helicopter) to it.
- Progress on the report recommending either a partial or complete ban of foil boarding at our busy city beaches is currently sitting at the Risk Assessment stage. A meeting has already been held between Council and the Foil Boarding community, with an agreement on meeting again once the risk assessment has been completed to gather feedback from the foil boarders. Once all input has been compiled, the report will be finalised and submitted to Council.
- The Department of Primary Industries (DPI) have installed SMART Drumlines from Little Bay to Clovelly, following the fatal shark attack on 16 February. This saw the date brought forward by approximately 2-weeks, for what was to be the trial of SMART drumlines and VR4G Listening Stations along the RCC coastline.
 - Information screens about the shark mitigation technology will be rolled out at Maroubra and Coogee soon, to help educate the community on what the technology is and how it

Kind regards,

Duncan Rennie

Manager PSAS



Coastal Advisory Report No. CAC4/22

Subject: Coastline Fatalities - Incident Response

Executive Summary

- The community of Little Bay and the broader Randwick City community has been shocked recently following the tragic death of three people along the coast at Little Bay.
- This report provides an outline to the RCAC in relation to Council's response and future directions in relation to both the Rock Fishing, and Shark Incident.
- In response to the rock fishing incident, Council's Public Safety and Aquatic Services Unit
 are again conducting extensive site investigations and reviewing the risk assessments in
 consideration of the regulatory and operational requirements for our coastline.
- In addition, as part Council's recently adopted Open Space Strategy, Council has committed to:

"Review and strengthen the rock fishing safety campaign and on-site infrastructure (i.e., signage) to raise awareness and increase rock fishing safety including in multiple community languages, working with NSW Parks and Wildlife Service."

- In response to the fatal shark incident, community drop in stands were rolled out in partnership with DPI, Rural Adversity Mental Health Program, Randwick City Council and Surfing NSW on 26 February at Maroubra and on 27 February at Little Bay and Malabar.
- The stands provided information on seeking mental health support following a traumatic event, shark education and beach safety.
- DPI Fisheries has deployed 15 SMART drumlines along the coast from Little Bay Beach to Bondi. DPI Fisheries will operate the SMART drumlines (weather permitting) until the contracted operator commences on 28 February.

Recommendation

That the Randwick Coastal Advisory Committee:

- a) Receives and notes this report;
- b) hold a minute's silence in memory of ocean swimmer Simon Nellist who died following a shark attack near Little Bay, and father and son Peter and Mahan who drowned after being swept off rocks while rock fishing near Little Bay Beach;
- notes that a rock fishing education and communication campaign will be implemented as part
 of the Open Space and Recreation Strategy, aimed at improving safety for rock fishers in
 Randwick City;

Attachment/s:

1.1 DPI - RCAC Presentation - Dec 21 - Shark Management Program

Purpose

The community of Little Bay and the broader Randwick City community has been shocked recently following the tragic death of three people along the coast at Little Bay.

On Monday 31 January 2022, 10-year-old Mahan and his father Peter drowned shortly after being swept off rocks near Little Bay Beach. The pair were fishing a rock ledge on the southern side of Little Bay known as The Gutter.

On Wednesday 16 February 2022 at 4.30pm, a young gentleman from Wolli Creek died following catastrophic injuries caused by a White Shark while swimming in outer Little Bay near Julianne's on the north side.

This report provides an update to the Randwick Coastal Advisory Committee regarding the incident(s).

Discussion

In response to the recent fatalities at Little Bay, Councils Mayor, Cr Dylan Parker tabled a "Mayoral Minute" to the ordinary Council meeting held on the 22^{nd of} February 2022 in which it was resolved:

RESOLUTION: (Mayor, Cr D Parker) that Council:

- hold a minute's silence in memory of ocean swimmer Simon Nellist who died following a shark attack near Little Bay, and father and son Peter and Mahan who drowned after being swept off rocks while rock fishing near Little Bay Beach;
- b) works with the Department of Primary Industries, Surfing NSW and the Rural Adversity Mental Health Program to hold and advertise community drop-in stands at our beaches providing mental health support and counselling services, shark education and beach safety information commencing this weekend 26 and 27 February 2022;
- c) undertakes an urgent review of rock fishing related signage and rescue devices including Angel rings and TUI rescue tubes across the Randwick Council area;
- d) notes that a rock fishing education and communication campaign will be implemented as part of the Open Space and Recreation Strategy, aimed at improving safety for rock fishers in Randwick City:
- e) notes that Randwick Council was the first council in Australia to implement compulsory lifejacket rules for rock fishers in 2016 and shock signage in 2015 which a Coronial investigation recommended extending to other LGAs; and
- f) officers investigate, in conjunction with the families if desired, an appropriate commemoration for Simon Nellist and father and son Peter and Mahan, and brings back a report to Council.

This report provides an outline to the RCAC in relation to Council's response and future directions in relation to both the:

- i. Rock Fishing; and
- ii. Shark Incident

Rock Fishing

There have been 21 rock fishing related deaths in Randwick City since 2001 – including six in Little Bay. This statistically makes our stretch of coastline amongst the most dangerous in the country.

Randwick Council has been at the forefront of rock fishing safety and education, working with industry and community groups and State Government for the past decade.





Council staff installing lifejacket signage (left) and shock signage (right) showing the number of deaths in the locality.

Randwick City was the first council to introduce compulsory lifejackets for rock fishers as part of an Australian-first trial in 2016 which became permanent on 1 June 2018. Many other councils such as Ballina Shire, Central Coast, Lake Macquarie, Port Stephens, Richmond Valley, Sutherland Shire and Northern Beaches have since opted into the legislation.

Council has conducted research surveys in 2013 and 2017 to better understand recreational fishing attitudes and practices.

The surveys showed a staggering 42% of rock fishers were unaware that people had died at the same spot they were fishing. When shown a mock-up of 'shock signage', 75% of fishers surveyed thought the signage could reduce rock fishing accidents and 70% said it would influence their behaviour while fishing (2013 survey).

The survey outcomes led to the introduction of rock fishing 'shock signage' in 2015 at blackspot locations which shows the number of fatalities including translations.

These shock signs were noted in a 2015 Coronial Inquest into rock fishing deaths in NSW by Deputy State Coroner Magistrate Forbes who recommended that the signage concept be extended to other council areas.

In 2017, Council partnered with the NSW Government and the NSW Recreational Fishing Alliance to hold a series of practical rock fishing workshops with professional rock fishing guide Alex Bellissimo. Participants received a free lifejacket upon successful completion of the seminar.

However, the tragic deaths of Mahan and Peter are an urgent reminder of the need for ongoing vigilance.

Following the incident Council's Public Safety and Aquatic Services Unit are again conducting extensive site investigations and reviewing the risk assessments in consideration of the regulatory and operational requirements for our coastline. In addition, as part Council's recently adopted Open Space Strategy, prior to the coming summer we have committed to:

"Review and strengthen the rock fishing safety campaign and on-site infrastructure (i.e., signage) to raise awareness and increase rock fishing safety including in multiple community languages, working with NSW Parks and Wildlife Service."

It is recommended in this report that the above is considered in consultation with the RCAC in coming months both in and out of session.

Shark Incident

On Wednesday 16 February 2022 at 4.30pm we experienced the first fatal shark attack in almost 60 years on our coastline near Little Bay. The incident occurred at just north of Little Bay Beach towards Malabar Beach at a popular fishing spot knows as "Julianne's."

In collaboration with the Department Primary Industries (DPI), Marine Area Command (MAC), NSW Police, Surf Lifesaving NSW (SLSNSW) our Lifeguards first responded to the location by both land and water as support for the MAC in performing activities such victim identification. The interagency operational support continued late into the following night to continue to search the area for the shark and the victim. The following morning all agencies met on site and reactivated the search.

The Operational response from Council and our key emergency partners over the 24 hours included:

- Closure of Randwick City Council beaches for 24 hours post incident.
- Liaisons with interagency communications units to control media and messaging in public response to incident.
- Installation of 6 smart drumlines at Little Bay beach as a part of NSW Department Primary Industries (DPI) Shark Incident Response Strategy.
- Water search by Council lifeguards, SLSNSW and MAC.
- Collaboration with SLSNSW in seeking temporary Licence to fly drones at Little Bay Beach (currently prevented by CASA due to being in a flight path) to provide water surveillance from the air whilst helicopters were returning to base to refuel, and
- Coordination of response between agencies and providing guidance and recommendations to neighboring councils.

NSW Department Primary Industries (DPI)

The RCAC will recall the briefing provided by Marcel Green – Program Leader (Sharks Programs) from DPI in December 2021 regarding the shark tagging program along the eastern coastline of NSW. See Attachment 1. Marcel and the team at DPI provided an immediate response to the Little Bay incident, entering the water before first light the morning after.

On Monday 21 February 2022. DPI provided the following update:

The Department of Primary Industries (DPI) has been working to assist Council, Surf Life Saving NSW (SLS NSW), NSW Police and emergency services in responding to a shark incident at Little Bay Beach in Sydney at approximately 5pm on 16 February.

Based on footage provided by the public, DPI shark biologists believe that a White Shark, at least 3 metres in length, was likely responsible.

DPI Operational update:

DPI set six SMART drumlines in a targeted area from Little Bay Beach to Long Bay following the first couple of days following the incident, however no sharks were caught, indicating the shark involved has highly likely moved away.

To see how SMART drumlines operate watch this video

From Saturday 19 February, the response switched to the deployment of additional SMART drumlines along the coast in the surrounding areas, in advance of the previously procured Contractor for the region. DPI Fisheries has deployed 15 SMART drumlines along the coast from Little Bay Beach to Bondi. DPI Fisheries will operate the SMART drumlines (weather permitting) until the contracted operator commences on 28 February.

In the Sydney eastern suburbs, a total of 15 SMART drumlines will be deployed across the Randwick and Waverley LGAs. A further 45 SMART drumlines will be rolled out in the Northern Beaches (30) and Sutherland (15) LGAs.

In addition to these upcoming SMART drumlines, the following measures are currently in place across the Greater Sydney Region:

- 51 shark nets as part of the NSW Shark Meshing Program from Newcastle to Wollongong
- Surf Life Saving NSW (SLS) drones at 15 coastal beaches in Greater Sydney Local Government Areas (LGAs) which operate in school holidays or at the discretion of SLS drone pilot availability on weekends outside of school holidays
- Tagged shark listening stations at Redhead (Lake Macquarie LGA) and Bondi Beach (Waverley LGA)
- Shark tagging program (statewide) tagging White, Tiger and Bull Sharks caught via DPI
 Fisheries research or as part of the SMART drum lining program which are then
 detected via the tagged shark listening stations along the coast and alerts sent via
 SharkSmart app
- SharkSmart education program (statewide)

To date, as a part of the 2021/22 Shark Management Program, 155 SMART drumlines have been deployed along the east coast of NSW including in the Tweed (15), Ballina (20), Richmond Valley (15), Clarence Valley (15), Coffs Harbour (15), Port Macquarie (15), MidCoast (15), Kiama (15), Shellharbour (15) and Bega (15) LGAs.

SMART drumlines are also scheduled to be deployed in the Central Coast, Lake Macquarie, Newcastle, Wollongong, and Eurobodalla LGA's.

(RCC NOTE: VR4G Listening Station also being installed at Maroubra)

Upcoming community engagement

In response to the fatal shark incident, community drop in stands were rolled out in partnership with DPI, Rural Adversity Mental Health Program, Randwick City Council and Surfing NSW on 26 February at Maroubra and on 27 February at Little Bay and Malabar. The stands provided information on seeking mental health support following a traumatic event, shark education and beach safety. www.sharksmart.nsw.gov.au

Information about White Sharks

DPI research has identified that sharks are present in NSW waters all year, with White Sharks present over a wide range of sea surface temperatures (10-27°C) and Bull Sharks present when water temperatures are above 20 degrees. DPI has now tagged over 650 White Sharks and can see a general pattern of where many of them travel through the 21 satellite-linked shark listening stations.

<u>This video</u> shows a snapshot of White Shark tracking data over a one-year period via the 21 shark listening stations.

To see typical movements of White, Bull and Tiger sharks, please watch this video

We wish to again extend our sincere condolences to the family, friends and first responders at this tragic time. We would also like to thank our colleagues at Randwick City Council for their professionalism and dedication over this period.

For more information, please visit www.sharksmart.nsw.gov.au

Strategic alignment

The relationship with the City Plan is as follows:

Outcome/Direction	Delivery Program actions
Outcome	2. A vibrant and diverse community.
Direction	2b. Strong partnerships between the Council, community groups and government agencies.

Resourcing Strategy implications

There are no resourcing strategy implications as a result of the recommendations of this report.

Policy and legislative requirements

NSW Rock Fishing Safety Act 2016 NSW Shark Management Program 2021/22

Conclusion

The Council, RCAC and all agencies will continue to work in collaboration in the future consultation and rollout of both NSW Shark Management Program and Rock Fishing Safety Campaign and Onsite Infrastructure.

Responsible officer: Todd Clarke, Director City Services

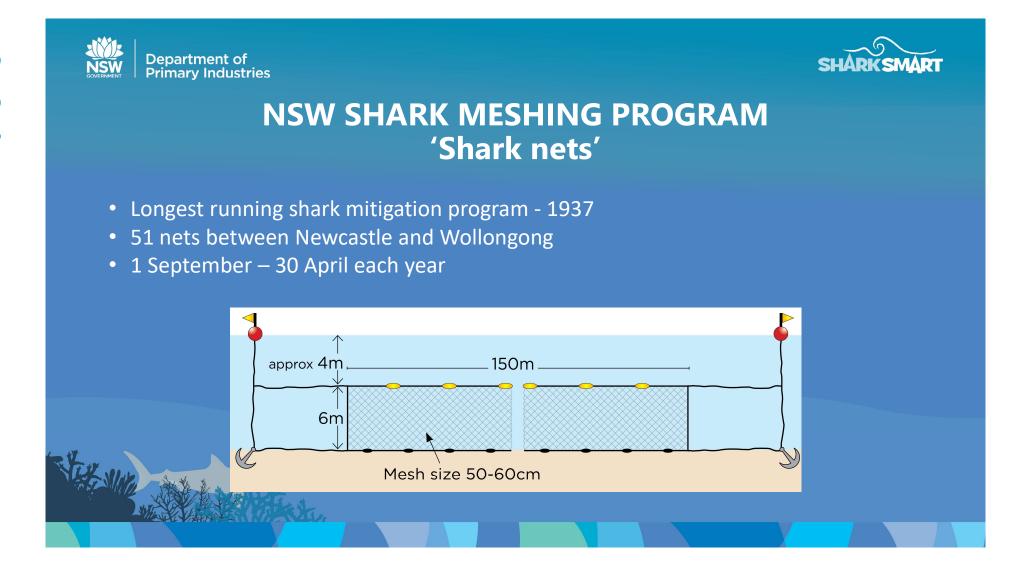
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Outline

- 1. Where have we been?
- 2. What did we learn?
- 3. Where are we now?











SMP catch summary 1991/92 - 2020/21

Common name & NSW status	Coogee	Maroubra	All 51 nets
Target sharks			
White Shark ^v	2	6	316
Tiger shark	2	5	86
Bull Shark			35
Target sharks			437
Listed non-target species			
Endangered species			
Greynurse Shark	5	4	147
Scalloped Hammerhead			31
Loggerhead Turtle			18
Leatherback Turtle			13
Dugong	1		3
Little Penguin	1		3
Vulnerable species			
Green Turtle	1	4	73
unidentified turtle	3		58
Great Hammerhead		3	12
unidentified seal		1	6
Humpback Whale	No.		7
Australian fur-seal	G. 4		2
Shearwater	M. Line		1

Common name & NSW status	Coogee	Maroubra	All 51 nets
Non-target sharks			3729
Rays			2833
Unlisted cetaceans			119
Finfish			74
Unlisted turtles			17
Total			7583





NSW SHARK MANAGEMENT STRATEGY 2015-2020

Increase protection for beachgoers from shark interactions while minimising harm to sharks and other marine animals.

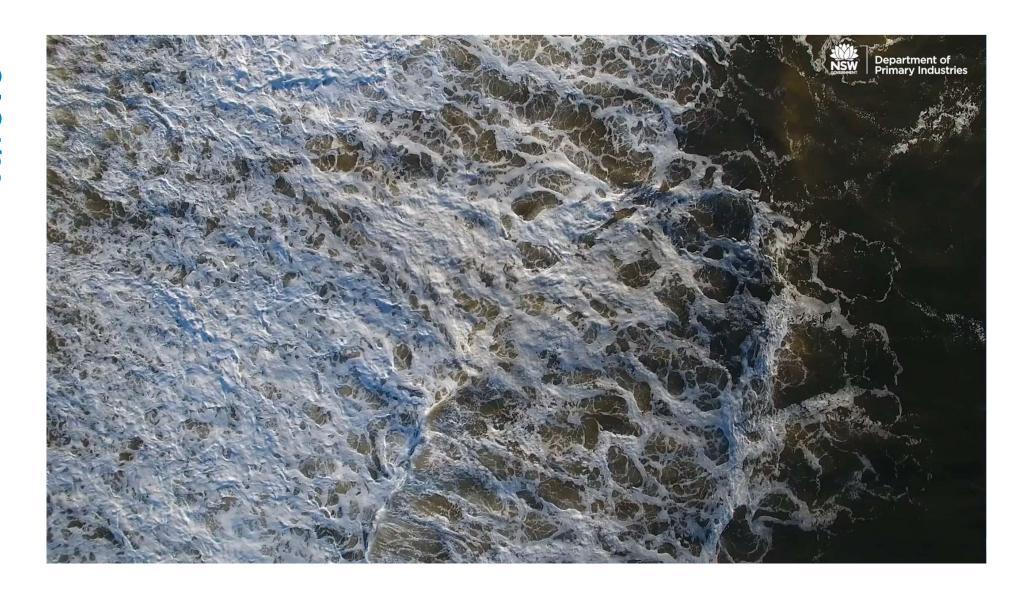
Surveillance, Detection and Deterrents

Science and Research

Education and Community Awareness









Benefits

- No impacts to marine animals
- Cheap and easy to operate
- Potential for automation
- Suitable for events
- Rapid response and general beach surveillance

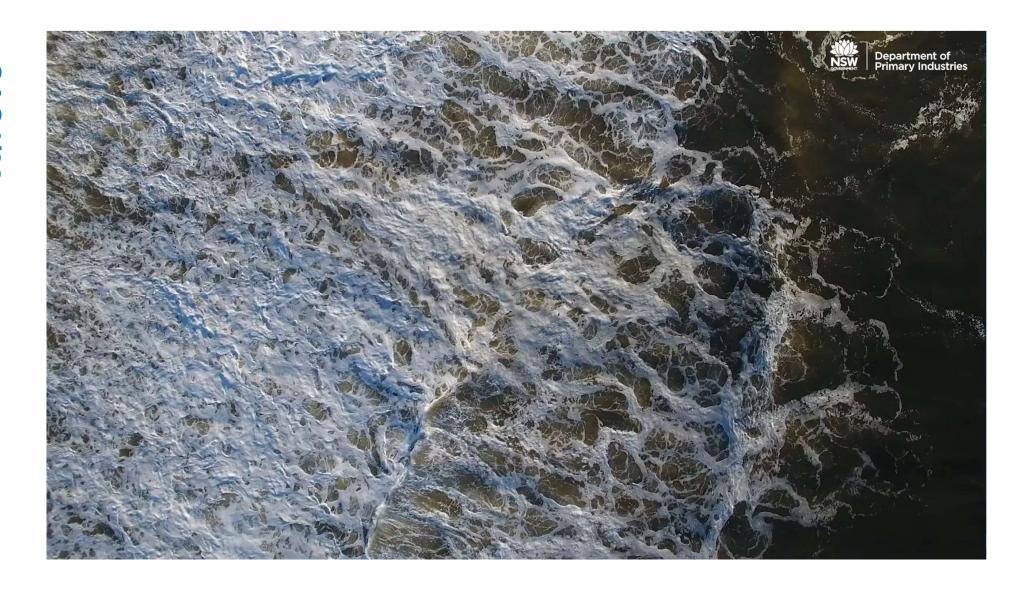
DRONES

Considerations

- Flights are restricted within 1 km of the pilot
- Proximity to airspace limits flights and level of pilot training
- Limited by sea conditions eg. water turbidity and wave chop
- Trained pilots needed











Target species caught on SMART drumlines, Dec 2016 – Nov 2021

	Ballina (20)	Evans Head (15)	Coffs Harbour (10)	Forster (10)	Newcastle (10)	Sydney (20)	Kiama (10)	Ulladulla (10)	Bega (20)
	1 Dec 2016	5 – 19 Nov 2021	1 Aug 2017	– 3 Feb 2018	1 Feb – 30 Apr 19 30 Aug – 1 Dec 19	10 Feb – 12 May 19 30 Aug – 1 Dec 19	1 Nov 2017 -	- 30 Apr 2018	1 Mar – 28 Ap 2019
White Shark	257	290	16	65	7	5	1	3	6
Tiger Shark	108	25	18	2	1	4	9	2	5
Bull Shark	14	5							
TOTAL	379	320	34	67	8	9	10	5	11
		get sharks eased alive)	100%	100%	100%	100%	100%	100%	100%

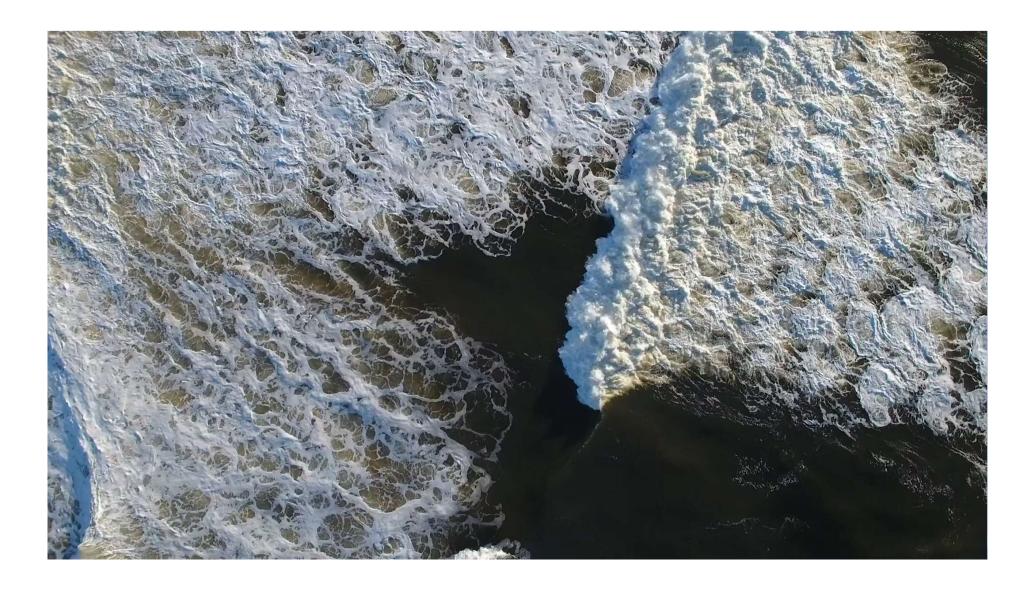




Non-target species caught on SMART drumlines (to 13 Sept 2021)

Non-target species	Caught	Released alive
Whalers x 7 spp.	182	175
Greynurse Shark	70	70
Hammerhead x 3 spp.	62	55
Shortfin makos	18	17
Turtles x 3 spp.	21	21
Thresher Shark	5	5
Black Rays	4	4
Black Marlin	3	2
Manta Rays	3	3
TOTAL	368	348

Overall 98.4% survival rate







LISTENING STATIONS

Benefits

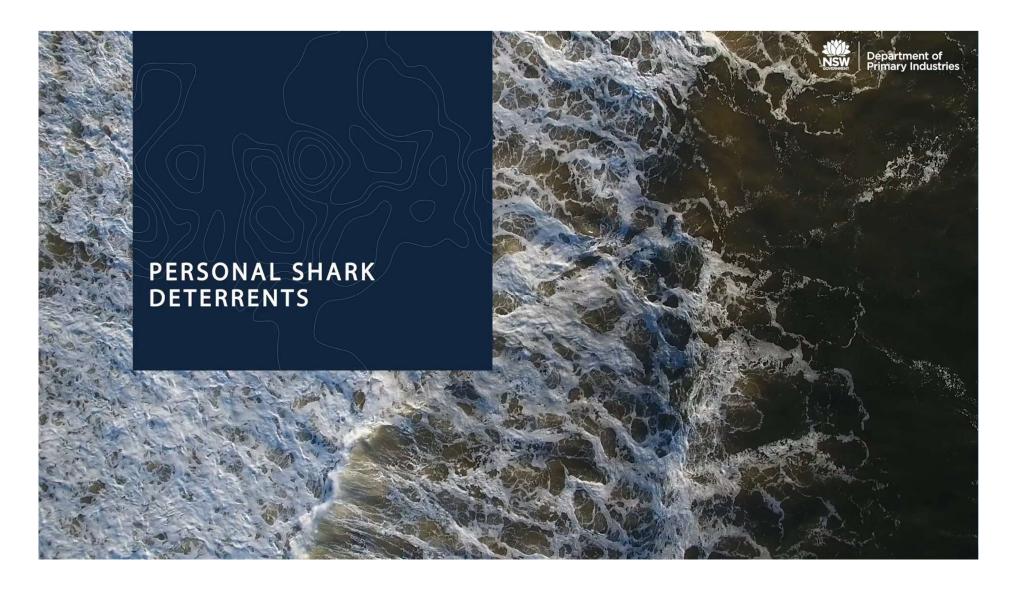
- Information on movement and distribution of sharks
- Alerts in real time
- The public can download the SharkSmart App to mobile devices and set it to receive notifications for certain locations, times and alert types

Considerations

- Only detects tagged sharks
- Requires a tagging program



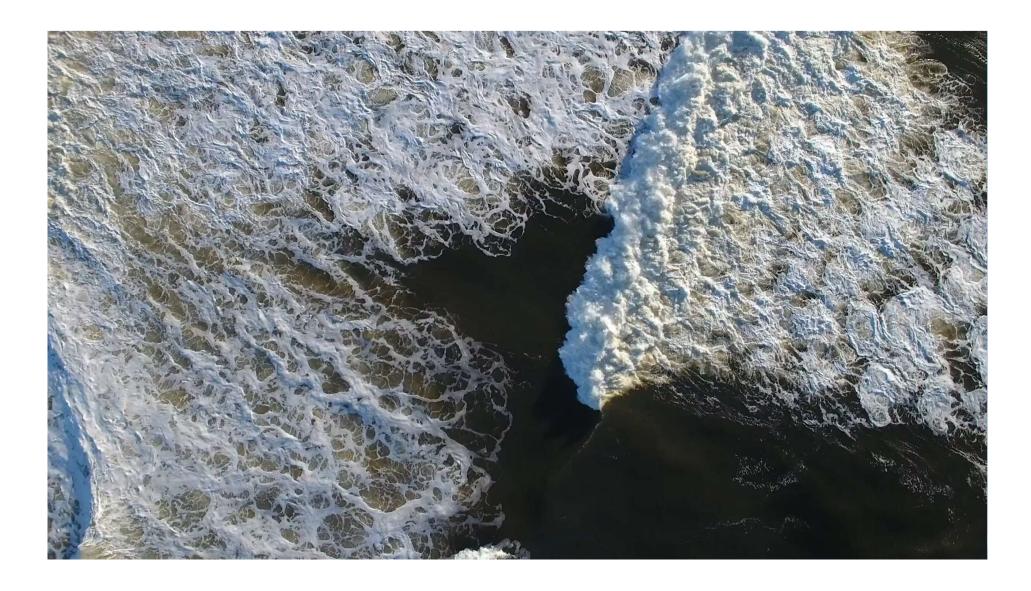




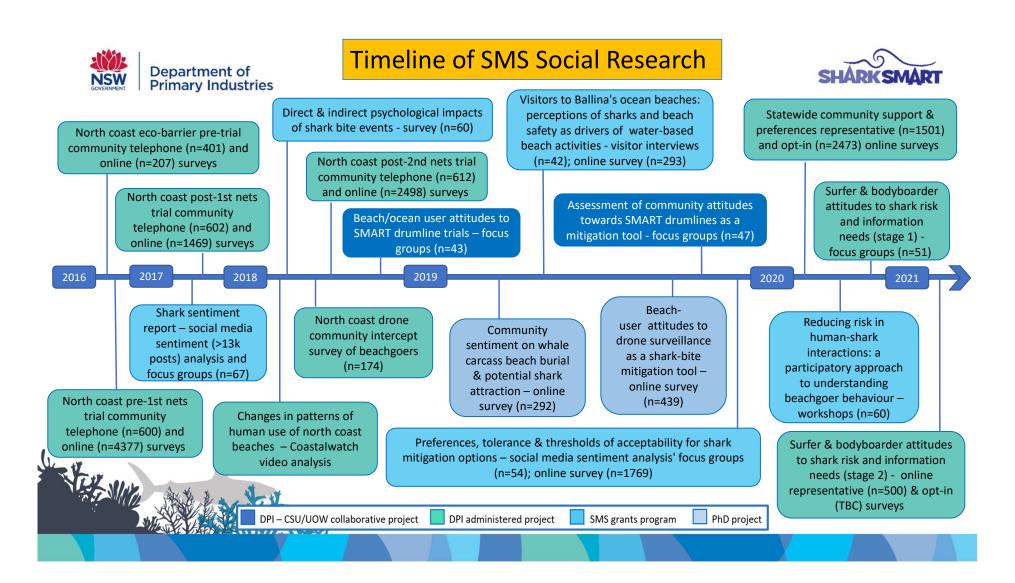


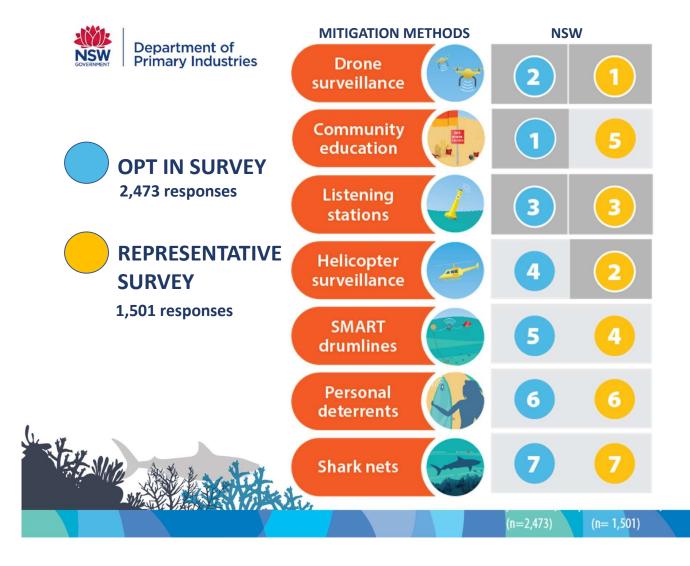






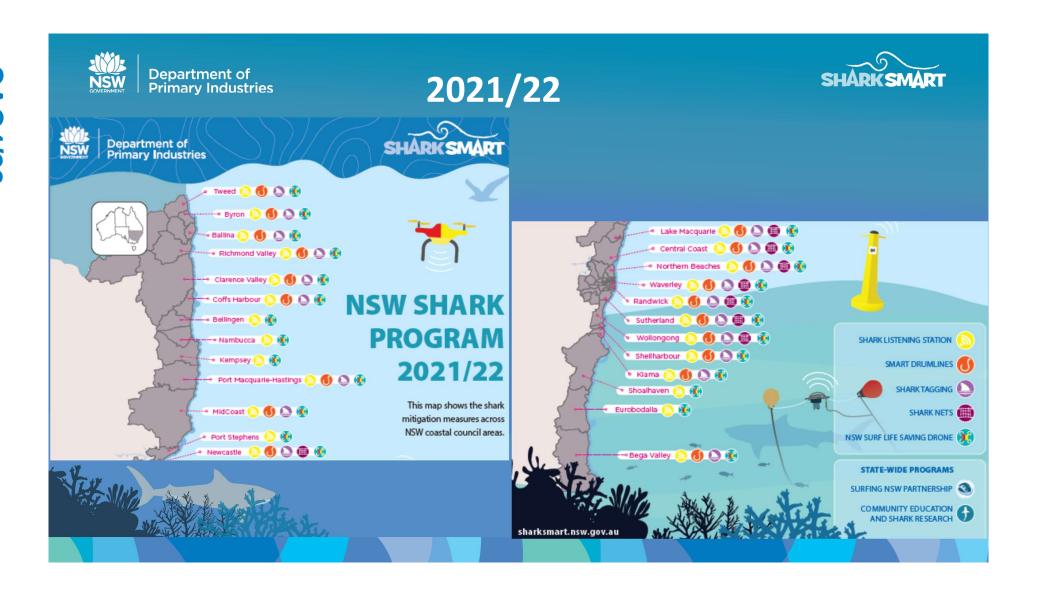




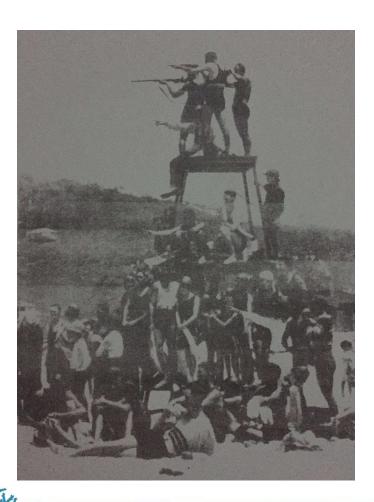














Coastal Advisory Report No. CAC5/22

Subject: Consultation Activities Update

Executive Summary

- This report informs the Coastal Advisory Committee (CAC) of the current and future consultation activities Council has planned in the coming months.
- The consultation activities discussed within this report provide opportunity for the stakeholders to make formal submission in this regard and any other general feedback seen fit
- Consultation activities noted within this report include:
 - Dunningham Reserve Coogee Amenities
 - Community Strategic Plan
 - Economic Development Strategy
- The CAC members are encouraged to make submission to the various activities within the nominated deadlines.

Recommendation

That the Randwick Coastal Advisory Committee receive and note this report

Attachment/s:

Nil

Purpose

To inform the Coastal Advisory Committee (CAC) of the current and future consultation activities Council has planned in the coming months.

Discussion

Current Consultation Activities

1. Dunningham Reserve Coogee Amenities

Dunningham Reserve Coogee Amenities | Your Say Randwick (nsw.gov.au)

Randwick City Council is planning to build new permanent toilet amenities in Dunningham Reserve, Coogee to replace the current temporary facilities.

Dunningham Reserve is located on the northern headland of Coogee Beach and is part of the Eastern Beaches Coastal walkway, connecting Coogee to Clovelly and Bondi Beach to the North, and Maroubra to the South. The coastal walkway is popular with visitors to the area as well as regular local exercisers.

In 2009, Council demolished an older toilet block in Dunningham Reserve, and temporary toilets were installed in 2013 following community requests for a return of toilet facilities in the area. The current temporary toilets are not wheelchair accessible or pram friendly, with the nearest accessible toilets located along the lower promenade at Coogee Beach.

Construction of a new amenities building will include:

- Removal of the existing temporary toilets
- Three unisex toilets and one accessible toilet
- Communal hand wash basins
- Opportunity for public art
- Permanent power connection to remove the need for overhead power lines
- Construction of a sandstone retaining wall to create level access to the new amenities

The proposed building will use a modular, prefabricated design which substantially reduces building costs and speeds up construction.

We would like your feedback to help us ensure we design an amenity building that caters to the needs of our community and visitors.

CLOSES 6 March 2022

2. Community Strategic Plan

Community Strategic Plan | Your Say Randwick (nsw.gov.au)

The draft 2022-2032 Community Strategic Plan (CSP) brings together three years of research and consultation to provide an integrated 10-year community plan for the future of Randwick City.

It's not just a Council plan - it's the community's plan, and all levels of government, business, education, community groups and individuals have a role to play.

Thank you to everybody who took part in our consultation in December 2021 and January 2022 along with the 14,000 people who were involved in the various informing strategies and community research that has been incorporated into this plan.

Our CSP outlines how we will work together with our community, government, and non-government partners to address the things that need changing and work towards the outcomes of the seven informing strategies to become:

- A community more knowledgeable, proactive, and responsive to climate change impacts; that restores and protects the biodiversity of ecosystems; and that protects and conserves our limited natural resources and our coastal and marine environment.
- A creative and culturally rich city, that is innovative, inclusive, and recognized nationally;
 and where everyone can develop, express, and enjoy creativity throughout their life.
- A city with diverse and affordable housing that responds to local needs, provides sustainable housing growth, and has excellent built form that recognizes local character.
- A city with a transport network where sustainable transport options are the preferred choice; a parking system which caters to the needs of residents, freight delivery, visitors, and workers; and a safe, efficient, and sustainable road network which balances the needs of movement and place to ensure roads are used for their intended purpose.
- A city with open space that grows and changes with the community; where everyone has
 the opportunity to participate in sport and recreation; and where the community is healthy
 and active.
- A resilient city where people are engaged, informed, connected, and feel a sense of community and belonging; where people can access social support and amenities whatever their ability and wherever they live; and that is dedicated to the individual and collective health, wellbeing, and safety of the community.
- A city with a 24-hour economy that includes diverse nighttime activities and experiences; that empowers businesses to start, grow and thrive through a collaborative business culture; has diverse, active places for businesses, including vibrant town and neighborhood centres; and that attracts people from around Australia and the world to do business, work, and visit.

CLOSES 25 March 2022

3. **Economic Development Strategy**

Economic Development Strategy | Your Say Randwick (nsw.gov.au)

The Draft Economic Development Strategy is our plan to strengthen a sustainable 24-hour economy that will create local employment opportunities and build a prosperous community.

The strategy is Council's plan to build on our unique appeal as a place to live, work, visit and study.

It will enable us to build on the diverse strengths of Randwick City and respond to the challenges that the COVID-19 pandemic has presented, including the impact on small businesses and the education and tourism sector.

We will focus on:

- empowering our community to run thriving businesses
- developing vibrant, active places; and
- attracting people to Randwick City
- While the long-term impact of the COVID-19 pandemic is still unknown, we have significantly less students and visitors contributing to our local economy while the ability of residents to shop, dine and access services has also been restricted.

The outcomes and objectives we aim to achieve through the Economic Development Strategy are:

1. Empowering businesses to start, grow and thrive

Increase the number of businesses by 20% by 2032

Increase the number of businesses that are members of a local network channel or association by 20% by 2032

2. Creating a 24-hour economy with diverse nighttime experiences

Increase night-time spending at night (6pm - 6am) by 10% by 2032

3. Developing diverse, active places for business including vibrant town centres

Ensure 86% or more of our community is satisfied with the vitality of town centres by 2032

4. Attracting people to Randwick City to do business, work, and visit

Support the creation of an additional 9,200 jobs in the Randwick Collaboration Area by 2036

In implementing the strategy, and recover from the pandemic, we will:

- empower business owners and organisations with networks and resources
- catalyse business collaboration and marketing opportunities
- improve public spaces to create vibrant town and neighbourhood centres
- promote our area's strengths to attract new businesses, talented workers, and students
- maintain the coastal amenity and foster experiences to attract visitors
- Partnerships with business, small and large, all levels of government and the not-for-profit sector will be key to achieving the outcomes for a vibrant and prosperous local 24-hour economy.

Some priorities include:

- developing a plan to communicate and engage with businesses
- creating a Buy Local, Shop Local campaign
- fostering a sustainable and active business network group/s
- creating a sponsorship program for business-led collaborative projects
- making planning framework changes to support a nighttime economy such as changes to encourage new experiences after 6pm
- securing government funding programs for public space improving in our town centres

We have set ourselves more than 30 strategic approaches to achieve our objectives. You can read the strategy and make comments or suggestions on the strategy document, or you can lodge a written submission.

CLOSES 25 March 2022

Strategic alignment

The relationship with the City Plan is as follows:

Outcome/Direction	Delivery Program actions
Outcome	2. A vibrant and diverse community.
Direction	2b. Strong partnerships between the Council, community groups and government agencies.

Policy and legislative requirements

Local Government Act 1993

Conclusion

There are multiple consultation activities currently on exhibition that would benefit from submission form the stakeholders in the CAC. The CAC members are encouraged to make submission to the various activities within the nominated deadlines.

Responsible officer: Todd Clarke, Director City Services

File Reference: F2019/00730