

# Community and Stakeholder Engagement Report

## Fairy Bower Ocean Pool Stormwater Upgrade (Stage 1 of 1)

Impact level: Four

Report date: February 2021

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# 1. Summary

This report outlines the community and stakeholder engagement conducted as part of the Fairy Bower Ocean Pool stormwater upgrade project between 21 May and 21 June 2020.

## 1.1. Engagement snapshot



Total submissions received

86



Your Say

Visitors: 1160

Visits: 1340

Av. time onsite: 2m38s



Print media and collateral

Letter drop: 2095

Site signs: Yes

Distribution: 59

Number: 4



Electronic direct mail

Community Engagement newsletter: 2

Council E-News: 4

Distribution: 20,000

Distribution: 150,000



Key stakeholder meeting

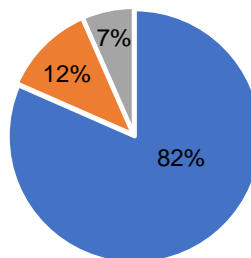
Manly Community Forum: 1

Attendance: 45

Do you support the overall concept?




Sentiment

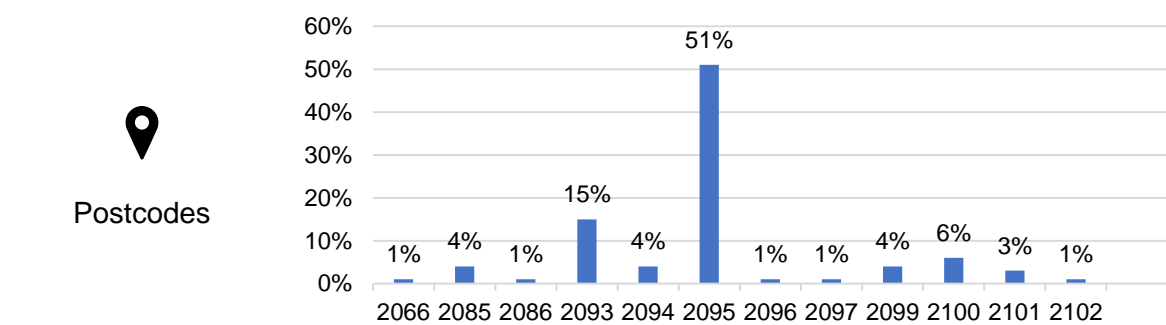
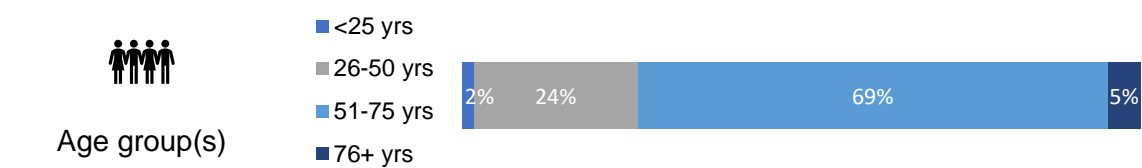
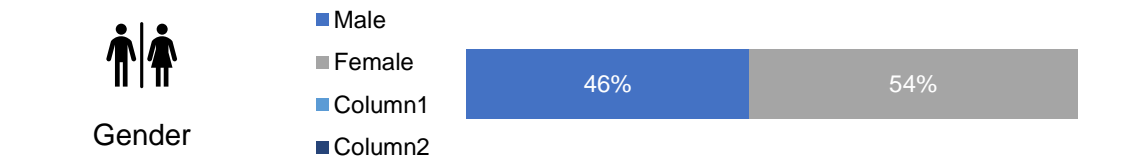


- Yes
- Yes, with changes
- No

N = 65 responses

 Feedback themes	Support for proposal	Addresses safety concerns
	Visual appeal	Additional location improvements
	Living seawall	

## 1.2. Who we engaged<sup>1</sup>



## 2. Background

As the stormwater pipe and concrete sections above Fairy Bower Ocean Pool are in disrepair due to storm damage over the years, we propose to replace the stormwater pipe with a culvert that will have a greater capacity in accordance with the current standards. The upgrade will improve community safety for those using the pool and other recreational activities in the vicinity.

To improve the visual appeal and provide additional space for pool aesthetic and sustainable features were included in the design.

We engaged on the proposal from 21 May until 21 June 2020 to understand community sentiment on the proposal and identify interests and concerns about the proposal.

<sup>1</sup> No demographic data was captured for respondents who contributed feedback through written or email comments outside of our online platform.

### 3. Engagement objective(s)

- Build community and stakeholder awareness of participation activities (inform)
- Provide accessible information so community and stakeholders can participate in a meaningful way (inform)
- Identify community and stakeholder concerns, local knowledge and values (consult)

### 4. Engagement approach

Community and stakeholder engagement for the Fairy Bower Ocean Pool stormwater upgrade community engagement was conducted over a four-week period, from 21 May and 21 June 2020, and consisted of a series of activities that provided opportunities and platforms for community and stakeholders to contribute.

The engagement was planned, implemented and reported in accordance with Council's [Community Engagement Matrix](#) (2017). The full documented engagement approach is outlined in the Fairy Bower Ocean Pool stormwater upgrade Community and Stakeholder Engagement Plan (January 2020).

A project page was established on our have your say platform with information provided in an accessible and easy to read format.

The project was primarily promoted through our regular email newsletter (EDM) channels.

Feedback was captured through an online submission form embedded onto the have your say project page. The form included a question that directly asked respondents for their level of support on the proposal.

An open-field comments box provided community members a space to explain or elaborate on their support, not support or neutral sentiment as well as any other feedback they wished to contribute.

Email and written submissions were also invited.

We asked a uniform set of questions of participants in all activities. Results provide responses across a spectrum of demographics, expertise, experience and understanding of our local government area.

### 5. Key findings

Theme	What we heard	Council response
Support for the proposal	Many respondents were supportive of improvement works at Fairy Bower Ocean Pool.  Whilst some feedback indicated an understanding of the intended stormwater work, other comments reflected their understanding of the proposal was generally aesthetic and in relation to the pool itself – yet still supportive.	The proposed works will improve the condition of the existing stormwater drain located immediately next to the pool and become an addition to the pool area.

Theme	What we heard	Council response
Visual appeal	Comments in relation to the stormwater alteration and its matching into the style of the pool was seen as a positive	The alteration to the stormwater and it's matching into the style of the pool was seen as a positive
Living seawall	Respondents in support of the proposal saw the Living Seawall as a positive feature and inclusion. Comments reflected that encouraging more sea-life to the aquatic reserve was welcomed.	Encouraging more sea-life to the aquatic reserve was seen positively and welcomed.
Addresses safety concerns	Typically, the removal of the broken sections of the drain were welcomed.  Responders were glad to see the change to the end of the stormwater drain but wanted to see additional features added.	The project is limited to stormwater improvement and the associated changes to address safety concern.
Other suggested improvements	Comments were received in relation to additional seating at pool level, disabled access at the current entry point. There were also requests for additional dog signage and improved fencing.	As these suggestions are not directly related to the stormwater upgrade, they have been noted and forwarded to the appropriate teams for their consideration.

## Appendix A – Verbatim community and stakeholder feedback<sup>2</sup>

#	Comment	Council response
1	I think the living sea wall tiles is a wonderful idea. However, I think the polished look around the pool will somehow clash with the environment around the pool. I certainly think that an upgrade is necessary but the footprint of mankind should be minimal. Keep a certain roughness!	The option to match the surface of the culvert with the surrounding pool surface has been considered.
2	The upgrade needs to extend to cover the pipe in front of the wall which is currently degrading concrete. Leakages of pollution/sewage need to be stopped and pipes updated. Sydney water infrastructure is old and needs review.	<p>The proposed outlet remediation will be stage 1 of the overall remediation requirements for the area.</p> <p>Council will be reviewing the renewal of the existing stormwater along the seawall at stage 2 of the investigations.</p> <p>The proposed stage 2 works along the seawall will be in accordance with a review of the hydraulic capacity, risk and budgetary constraints forming the future works stormwater renewal program as detailed in the Stormwater Asset Management Plan.</p>
3	This is such a unique environment I would like to see ALL stormwater diverted away from Cabbage Tree Bay. I am not clear what the regular cleaning and clearing plans entail for the new project and if that has been factored into the cost.	<p>Unfortunately, conveying stormwater flows away from Cabbage Tree Bay is unachievable, requiring extensive pumping and collection systems.</p> <p>As part of the investigation of the stormwater outlet discharging at the Fairy Bower Ocean Pool, we reviewed the stormwater catchment by means of hydrological and hydraulic modelling including water quality modelling.</p>

<sup>2</sup> Personal details have been redacted where possible. Spelling and grammatical errors have been amended only where misinterpretation or offence may be caused.

#	Comment	Council response
		<p>The investigation confirmed that the majority of the predicted pollution would consist of 85% organics (from vegetation) with little sediment and litter. In addition, the Consultant found that the construction of a proposed GPT would be heavily constrained by restricted construction access and the number of utilities under Bower Lane and Marine Parade.</p> <p>As we continue with stormwater network improvement planning in this area, we'll further explore stormwater quality treatment options.</p>
4	Where does the sewerage from the very busy toilets at Shelly Beach and Fairy Bower go. Could the stormwater not be diverted to that existing system.	<p>The sewerage from the Shelly Beach toilet is connected to a rising main (pumped system) discharging into Sydney Water's North Head Sewerage Treatment plant. The sewerage system is designed to contain sewage flows only and not designed to receive the significant stormwater flows.</p> <p>The stormwater system is owned and managed by Northern Beaches Council, whereas the sewer network is managed by Sydney Water.</p>
5	Sounds good, a much needed project. Will there be any sort of a ladder from the water up to the top of the new concrete structure? Also it seems the new structure will appeal to people as a jumping platform, which I suspect would not be so safe. Just wondering if this has been considered.	<p>The intent of the project is primarily to remediate the ageing stormwater outlet and does not include a ladder to allow swimmers access to Cabbage Tree Bay. Handrails has been considered in line with the current use of the Fairy Bower Ocean Pool which does not have a handrail.</p> <p>A safety review in relation to risks associated with handrails at this location has identified that the rail could be used dangerously during larger storm events. A review of the safety in design risks has identified multiple risks.</p>
6	Marine parade is out of control with the volumes of people walking and during Covid-19 it's been impossible to keep 1.5m away. Add another	This matter will be passed onto other departments within Council and will be addressed as a separate matter.

#	Comment	Council response
	lounging area it will attract even more to the path. The walkway needs addressing first.	
7	I object to all the filth from vehicles oil, rubber and human waste from the gutters like plastic being directed in to our marine environment without cleaning the storm water of all contaminants	<p>As part of the investigation of the stormwater outlet discharging at the Fairy Bower Ocean pool, we reviewed the stormwater catchment by means of hydrological and hydraulic modelling including water quality modelling.</p> <p>The investigation confirmed that the majority of the predicted pollution would consist of 85% organics (from vegetation) with little sediment and litter.</p> <p>In addition, the Consultant found that the construction of a proposed GPT would be heavily constrained by restricted construction access and the number of utilities under Bower Lane and Marine Parade.</p> <p>As we continue with stormwater network improvement planning in this area we'll further explore stormwater quality treatment options.</p>
8	Good idea, could the living sea walls be extended to other sides of the pool?	<p>The Living Seawall along the western face has been considered as an optimal location due to the intertidal exposure along the proposed culvert remediation.</p> <p>Council has adopted the Living Seawall installation in other locations including Clontarf and Fairlight ocean pool and will continue to explore other opportunities to improve marine diversity in accordance to budget and marine biodiversity benefits.</p>
9	Stormwater drain contributes to marine pollution. Any improvements to reduce risk of pollution into the Marine Reserve is an asset. Improving pavement surface around Fairy Bower will be an asset too	<p>As part of the investigation of the stormwater outlet discharging at the Fairy Bower Ocean pool, we reviewed the stormwater catchment by means of hydrological and hydraulic modelling including water quality modelling.</p>



#	Comment	Council response
		<p>The investigation confirmed that the majority of the predicted pollution would consist of 85% organics (from vegetation) with little sediment and litter.</p> <p>In addition, the Consultant found that the construction of a proposed GPT would be heavily constrained by restricted construction access and the number of utilities under Bower Lane and Marine Parade.</p> <p>As we continue with stormwater network improvement planning in this area, we'll further explore stormwater quality treatment options.</p>
10	I feel this upgrade is long overdue.	Your comment has been acknowledged, thank you.
11	It is not clear in the above description if the stormwater pipe which runs parallel to the walkway and empties into the culvert at the pool is to be fixed as well. I believe this pipe needs replacement at the same time as it is crumbling and is dangerous.	<p>The proposed outlet remediation will be stage 1 of the overall remediation requirements for the area. Council will be reviewing the renewal of the existing stormwater along the seawall at stage 2 of the investigations.</p> <p>The proposed stage 2 works along the seawall will be in accordance with a review of the hydraulic capacity, risk and budgetary constraints forming the future works stormwater renewal program as detailed in the Stormwater Asset Management Plan.</p>
12	The planned upgrade looks good and will be a success like the new terraces over the old pipe next to the Manly Surf Club. Well done NBC.	Your comment has been acknowledged, thank you.
13	The upgrade needs to extend to cover the pipe in front of the wall which is currently degrading concrete. Leakages of pollution/sewerage need to be stopped and pipes updated. Sydney water infrastructure is old and needs review.	The proposed outlet remediation will be stage 1 of the overall remediation requirements for the area. Council will be reviewing the renewal of the existing stormwater along the seawall at stage 2 of the investigations.

#	Comment	Council response
		<p>The proposed stage 2 works along the seawall will be in accordance with a review of the hydraulic capacity, risk and budgetary constraints forming the future works stormwater renewal program as detailed in the Stormwater Asset Management Plan.</p> <p>Sydney Water assets are not part of this project and Council is not expected to replace them. If you believe sewerage is leaking, please do advise Council or contact Sydney Water directly to report a suspected leak.</p>
14	Do it now we have little sand left because it's being washed away by this broken pipe.	<p>The proposed works do not necessarily retain or prevent the loss of the sand.</p> <p>The primary purpose of the project is to be provide an improved stormwater conveyance and upgrade of a dilapidated asset.</p>
15	Hi, Frequently in storm events, the precast concrete lids on the culvert that across Marine Parade ( Asset # SPC40039) are displaced by surcharging. Hopefully the work on the culvert that is adjacent to the Rock pool addresses this but I think that the capacity of this Culvert is inadequate.	The existing stormwater drain is a large diameter circular pipe, as part of the proposed works, this drain is being replaced with a culvert of equal height be greater width and as such should assist in improving the capacity issues you have raised.
16	Two grates have been installed on this culvert to relieve the pressure but the lids still become displaced. I have some concern about grating being installed at the outlet, how this is going to be cleaned and how the stormwater is going to be discharged should this become blocked in a Storm event.	<p>Thank you for your feedback. As part of the detail design the subject lid will be replaced with heel proof grated lid with fixed/screwed connections. This is to avoid the lids being removed by vandals or lifting off during times when wave action pushes up the culvert potentially causing pressure to lift lids off the frame.</p> <p>The maintenance process will be managed with prior preparation taking into consideration the Health and Safety of the operatives and allowing a working environment to be established while the maintenance is ongoing. It will also require a mechanical process to remove the grated lid, this should reduce the risk of the lid being dislodged.</p>

#	Comment	Council response
17	<p>Hi,</p> <p>It doesn't look like you are planning to replace the pool's stairs. They are quite dangerous for kids. Many times, my kids cut themselves with those stairs.</p>	<p>The proposed works are primarily to improve the stormwater outlet and the edge of the pool adjacent to the end of the pool, not the pool directly. However, your comments have been forwarded to the respective team for investigation and consideration.</p>
18	<p>great vision</p>	<p>Your comment has been acknowledged, thank you.</p>
19	<p>I think this will look great, be safer for people and still provide habitat for marine life at Fairy Bower.</p>	<p>Your comment has been acknowledged, thank you.</p>
20	<p>I also think the upgrading of the stormwater pipe at South Steyn was excellent. It is a very beautiful use of concrete</p>	<p>Your comment has been acknowledged, thank you.</p>
21	<p>Great idea - I hope you do a nice job like in front of the Manly Surf Club.</p> <p>It would be nice to lengthen the Bower pool while you're at it!</p> <p>Would also be nice to continue the box culvert around the rest of the Bower to get rid of the ugly concrete covering the stormwater pipe at the end of Bower Lane.</p> <p>I like the idea of the Living Seawall.</p>	<p>Unfortunately, the option to extend the pool would be a significant cost and would encroach into the area of aquatic reserve which aims to protect marine life.</p>
22	<p>Working Storm water drains and ocean pools are my reason for living on the northern beaches</p>	<p>Your comment has been acknowledged, thank you.</p>
23	<p>The run off above the pool could be harvested to water surrounding areas??</p>	<p>Unfortunately, the water from the surrounding area would need to be treated via a mechanical process prior to re-use. There is not enough catchment generating enough runoff to make this feasible.</p>
24	<p>"replacing the section of storm water pipe with a new larger concrete box culvert" - it's much too large, and increases the imposition on the natural seascape.</p>	<p>The culvert dimensions are no taller than the current pipe diameter, albeit it is wider this was considered adequate as it</p>

#	Comment	Council response
		provides increased capacity for stormwater conveyance addressing flooding in the catchment.
25	"matching the surface of the culvert with the existing ocean pool walkway" and  "finishing with a non-slip roughened surface" - these two points also greatly increase the negative impact of the pool's presence jutting out along the rock platform.	The option to match the surface of the culvert was considered an aesthetic feature to increase the area of walkway around the pool and to improve access around the pool rather than have the culvert stand as being simply a culvert.
26	The overall aim should be to minimise the visual and physical impact of the storm-water pipe's presence, The current proposal look more like an attempt to impose an even more heavily manicured and ugly poolside.	The option to match the surface of the culvert was considered an aesthetic feature to increase the area of walkway around the pool and to improve access around the pool rather than have the culvert stand as being simply a culvert.
27	Any changes to the storm water drain position and structure should aim to be sympathetic to the immediate natural aspects of the location and try to BLEND IN, replicating the rock platform.	This has been considered in the proposed design and Council agree that the selected option minimises the visual and physical impact of the stormwater pipe. Council has also engaged the services of Sydney Institute of Marine Sciences (SIMS) to provide "living wall" where specific profiled tiles will be attached to the culvert wall to encourage sea life development and growth.
28	Congratulations. Thanks for doing this.	Your comment has been acknowledged, thank you.
29	We also need signs at Fairy Bower Pool forbidding dogs.	This matter will be passed onto other departments within Council and will be addressed as a separate matter.
30	This is a great improvement visually and provides an area for people to relax beside the pool. Good work	Your comment has been acknowledged, thank you.
31	A fantastic upgrade. However, maybe you could include a stone bench or just a few spots for older people to be able to sit and watch their grandchildren swim, without taking up too much space from the sunbakers. Even just a few sandstone blocks about 40-50cm high, set	This matter will be passed onto other departments within Council and will be addressed as a separate matter.


#	Comment	Council response
	against the western edge, would mean older people could sit and enjoy the space.	
32	Add some 'artistic' patterning detail within the non-slip concrete surface, something that would compliment the statues, probably a sealife theme. i.e not just plain colour concrete as Council did outside Manly SLSC, yuk!. It may also incorporate an edging detail on the sea water side to assist people accidentally stepping off the edge.	The option to match the surface of the culvert with the surrounding pool surface has been considered. Council has also engaged the services of Sydney Institute of Marine Sciences (SIMS) to provide "living wall" where specific profiled tiles will be attached to the culvert wall to encourage sea life development and growth.
33	Love the living sea wall. Hopefully the many tiny sea stars living between the stormwater pipe and pool on the western side will be relocated before commencement of works.	Council has engaged the services of Sydney Institute of Marine Sciences (SIMS) to provide "living wall" where specific profiled tiles will be attached to the culvert wall to encourage sea life development and growth.  It is in the Council's interest to ensure that existing sea life is protected and not harmed by the proposed works.
34	An iconic location which still evokes pleasant memories when we pass it on our regular walks from Queenscliff to Shelly Beach. I lived in Manly for several of my early years. Great to see it is being looked after. Will watch works progress with interest.	Your comment has been acknowledged, thank you.
35	It looks good, and the living seawalls are an excellent idea.	Your comment has been acknowledged, thank you.
36	Looks beautiful. Perhaps consider extending the new surface along the pipe towards Fairy Bower. The similar work done at Marine Parade is excellent, blend in so well with the colour of the sand. I am sure this improvement will be superb as well.	Your comment has been acknowledged, thank you.
37	Looks great big improvement, love the living sea wall hope we see more use of environmentally innovative ideas like this.	Your comment has been acknowledged, thank you.

#	Comment	Council response
38	Looks great and very thoroughly considered. Love the living seawall component. The inside of the pool needs painting as well.	The issue regarding the pool will be passed onto other departments within Council and will be addressed as a separate matter.
39	Like the idea of the living Seawall as well	Your comment has been acknowledged, thank you.
40	Happy with progress need to stop dogs being walked to Shelly along walkway tripping up the elderly and chasing the wild turkey at shelly	This matter will be passed onto other departments within Council and will be addressed as a separate matter.
41	Great idea. Will make it so much better. Also suggest upgrade to the old timber fence that runs the full length of the walkway from South Steyne to Shelley Beach.	This matter will be passed onto other departments within Council and will be addressed as a separate matter.
42	I have seen the television programme on this concept in the Eastern Suburbs. As the marine life populates tiles, will this not potentially block the free flow of the stormwater especially in high rainfall times. Can we not divert the water to the sewerage plant.  The restrooms at Shelly Beach almost always smell terrible. What are the plans for an improvement in these very high useage facilities?	Council has engaged the services of Sydney Institute of Marine Sciences (SIMS) to provide "living wall" where specific profiled tiles will be attached to the culvert wall to encourage sea life development and growth.  Stormwater is not diverted to sewer plants due to the anticipated volumes associated with run off during heavy storms.  Comments regarding the Shelly Beach amenities are noted. These amenities are set for an upgrade this financial year with work expected to start mid-2021.
43	I hope that access behind the pool to the ocean is improved for snorkelers. Otherwise it looks great!!	Your feedback regarding access will be passed onto other departments within Council and will be addressed as a separate matter.
44	needed upgrade	Your comment has been acknowledged, thank you.
45	Looks good. I am already on Councils email list	Your comment has been acknowledged, thank you.
46	You are just focusing on the storm water pipes....but what about the floor of the pool that is full of bumps & holes, very rough surfaces????	This project is to improve and repair the existing stormwater pipe which is in poor condition. Any works associated with the pool

#	Comment	Council response
	it would be good to resurface it with better & smoother material like pebblecrete or just plain smooth concrete. I'm sure the swimmers especially the children will appreciate not hurting their feet anymore (sic).	would be treated as a separate item. Your feedback regarding the pool will be passed onto other departments within Council and will be addressed as a separate matter.
47	Looks Good	Your comment has been acknowledged, thank you.
48	Looks fantastic great improvement!!	Your comment has been acknowledged, thank you.
49	very much in favour of the living sea wall. I think this should become standard inclusion for any similar work the council does	Your comment has been acknowledged, thank you.
50	Why can a pollution trap not be installed?? similar to the proposed north styene system??needs improvements ant the end of the road area to stop the top blowing off when there is excess rain	<p>As part of the investigation of the stormwater outlet discharging at the Fairy Bower Ocean pool, we reviewed the stormwater catchment by means of hydrological and hydraulic modelling including water quality modelling. The investigation confirmed that the majority of the predicted pollution would consist of 85% organics (from vegetation) with little sediment and litter.</p> <p>In addition, the Consultant found that the construction of a proposed Gross Pollutant Trap would be heavily constrained by restricted construction access and the number of utilities under Bower Lane and Marine Parade.</p> <p>As we continue with stormwater network improvement planning in this area, we'll further explore stormwater quality treatment options.</p>
51	Looks good	Your comment has been acknowledged, thank you.
52	Looks great. Only challenge will be closing the pool for up to 12 weeks, hopefully this can be done before the weather warms up.	Due to the Covid-19 conditions, and the limitations put upon Council a lot of projects had to be reviewed and re-prioritised. It's envisaged the work will commence Autumn/Winter of 2021 at the earliest to avoid works during the Spring and Summer time when the pool is at its most popular

#	Comment	Council response
53	As it is easy access for people in wheel chairs and there pool is not too deep, I think there should be a ramp into the pool for access into the pool or having a swing chair that a disabled person can sit in and be lowered into the pool. Queenscliff and freshwater pools do not have disabled access and I think this would be a great feature to have for our community so that an open air swim can be had rather than a busy public indoor swimming pool.	The existing pool does have some limiting challenges and as such a full DDA Compliance review would need to be considered before providing disability access or features to assist with wheelchair users.
54	Good improvement	Your comment has been acknowledged, thank you.
55	The upgrade looks grade. It looks like a scene from a Slim Aarons photo. Great to keep that mid-century modern look with the pool.	Your comment has been acknowledged, thank you.
56	<p>Please Fairy Bower ocean pool stormwater works – Half Way Beach</p> <p>Comment/Submission to Northern Beaches Council - 15th June 2020</p> <p>Dear Councillors: Council may be aware that there used to be a useable beach at Half Way, enjoyed by locals and visitors for decades.</p> <p>That entire beach vanished shortly after Manly Council did the existing stormwater works, which were carried out without any consideration or study on the effects of those works. The works changed both sand nourishment, and wave reflectance, with the end result that the beach eventually vanished, and has never returned.</p> <p>Halfway Beach was nourished mainly by sand washed down from the Eastern Hill catchment above the beach. Until the stormwater works were built that diverted flow past the pool, the stormwater emptied onto the beach near the access stairs, bringing with it sand that had historically been responsible for the beach being there. The sand was of similar grade and minerals to the main surf beach, being finer grained minerals, with only trace broken shells.</p>	Council has looked into this matter and addressed the concerns after consulting extensively with internal and external stakeholders.



#	Comment	Council response
	<p>The depth of sand on the beach was considerable, as shown in historical photos, as well as by the “hanging boat ramp” outside the Manly LSC boat shed at Halfway Beach. The sand is actually still there, just under the water off the pool.</p>  <p>Council has a unique opportunity to restore Halfway Beach, rather than perpetuate the failure of the former Manly Council.</p> <p>We have, within Council borders, the world renowned Manly Hydraulic Laboratory whose expertise in this area is second to none.</p> <p>Get them to do a full study of the situation, and be guided by their knowledge and expertise. And if they say reverse the earlier works to restore the beach, do that with the funds available. It would be a fantastic result for the whole community.</p> <p>I note that the previous Manly Council absolutely refused to ask MHL about works on the main surf beach at Manly some years ago. Manly Council then spent huge sums on enquiries to try to cover the mistake, and even larger amounts removing dangerous rocks that appeared (as predicted) when the works deficiencies were exposed by nature.</p>	

#	Comment	Council response
	<p>Not many Councils ever have a chance to bring back a beach in a Marine Reserve, using existing natural systems. Don't throw this opportunity away without doing the research.</p> <p>If you require further information, please contact me.</p> <p>Kind regards,</p> <p>██████████</p>	
57	I appreciate that there will be more space and the thought with the living sea walls. Please try to complete while it's cold.	Your comment has been acknowledged, thank you. The construction program is anticipated to take place between April and September 2021.
58	I think it looks good	Your comment has been acknowledged, thank you.
59	I think it will improve the safety as well as look aesthetically better. I live in the lane and use the pool regularly and also with my grand children.	Your comment has been acknowledged, thank you.
60	Excellent idea.	Your comment has been acknowledged, thank you.
61	Such a beautiful site used constantly by locals however requiring this maintenance and upgrade would not only enhance it further and be made safer but give better environmental capabilities.	Your comment has been acknowledged, thank you.
62	<p>?Possible to add safer access for launching SUP,s</p> <p>There is bottle necks on metal stairs of people</p> <p>Additional steps at pool would be safer</p> <p>Also for SCUBA patrons</p>	<p>The primary reason for the project is to repair and improve the stormwater drainage asset adjacent to the pool. Any suggestion of works associated with the pool would have to be considered as a separate project under the management of a different department.</p> <p>Your comments will be passed onto the appropriate parties.</p>
63	Good plan	Your comment has been acknowledged, thank you.

#	Comment	Council response
64	Hopefully this will be done asap & before Spring. There was no indication of the timeline for this work, only the commencement date.	Due to the Covid-19 conditions, and the limitations put upon Council a lot of projects had to be reviewed and re-prioritised.  We hope to start these works in Autumn/Winter of 2021 at the earliest to avoid works during the Spring and Summer time when the pool is at its most popular.
65	Fantastic idea.  Love the living seawall idea and the overall upgrading. Good work, team.	Your comment has been acknowledged, thank you.
66	An attractive and positive upgrade to the pool.	Your comment has been acknowledged, thank you.
67	The upgrade would be even better if the scope was extended to also improve the surface of the existing level access that connects the new pool platform with the metal stairs at Fairy Bower opposite the cafe! This would provide a valuable connection to extend the benefit the culvert project offers for access to the pool.	Your suggestion will be passed onto the appropriate team for consideration.
68	brilliant idea	Your comment has been acknowledged, thank you.
69	It's a definite improvement and the pool will look much nicer on completion.	Your comment has been acknowledged, thank you.
70	Long overdue works particularly the upgrade around the pool's edge.	Your comment has been acknowledged, thank you.
71	I like the seawall and the increased safer pedestrian edge	Your comment has been acknowledged, thank you.
72	Wonderful idea to install the living seawall tiles. Have heard of them being successful in other places, so will cross fingers that they work here too!	Your comment has been acknowledged, thank you.
73	Great improviement	Your comment has been acknowledged, thank you.
74	Looks amazing!	Your comment has been acknowledged, thank you.

#	Comment	Council response
75	I think the proposed upgrade will be a vast improvement on the current situation, as it should not only improve function of the pipe system but also provide a safer and more attractive environment for people and marine creatures.	Your comment has been acknowledged, thank you.
76	Excellent proposal. The pool is a highly used and prized asset and the current stormwater outlet is ugly and a hazard to the public. The finished look is great and I can't wait for you to start this project. I am a regular user of this area and pool.	Your comment has been acknowledged, thank you.
77	Sounds good, a much needed project. Will there be any sort of a ladder from the water up to the top of the new concrete structure? Also it seems the new structure will appeal to people as a jumping platform, which I suspect would not be so safe. Just wondering if this has been considered.	The intent of the project is primarily to remediate the ageing stormwater infrastructure, ladder access to Cabbage Tree Bay is outside the scope of this project and has been deemed unsafe following a safety risk review.
78	Looks great.  The walkway is pretty rough there too	Your comment has been acknowledged, thank you.
79	Great to see the Living Sea Walls project being incorporated into the design	Your comment has been acknowledged, thank you.
80	It will make the pool more attractive and usable.	Your comment has been acknowledged, thank you.
81	A good improvement	Your comment has been acknowledged, thank you.
82	It's about time that horrible drainage outlet at n steyne was rectified!! Bower pool will also look much better, and be safer for young kids- that broken pipe was an eyesore and dangerous. Covering the pipes at s steyne was the best idea ever! What a wonderful spot it now is!! Actually would be nice to continue it even further down the pipe. Now if only we could get rid of the beach pipes.	Your comment has been acknowledged, thank you.
83	"Plan looks great	Your comment has been acknowledged, thank you.

#	Comment	Council response
	Love the idea of the tiles too !"	
84	Looks fantastic! I like that it expands space to sit but without any change to the overall structure. Environmental tiles are a great idea!	Your comment has been acknowledged, thank you.
85	what will the water quality be like that flows into the aquatic reserve? Is there a gpt involved anywhere in this system?	<p>The water quality will be the same for the immediate period after the construction is complete.</p> <p>As part of the investigation of the stormwater outlet discharging at the Fairy Bower Ocean pool, we reviewed the stormwater catchment by means of hydrological and hydraulic modelling including water quality modelling. The investigation confirmed that the majority of the predicted pollution would consist of 85% organics (from vegetation) with little sediment and litter.</p> <p>In addition, the Consultant found that the construction of a proposed GPT would be heavily constrained by restricted construction access and the number of utilities under Bower Lane and Marine Parade.</p> <p>As we continue with stormwater network improvement planning in this area, we'll further explore stormwater quality treatment options.</p>
86	Looks beautiful. Love the living seawall idea.	Your comment has been acknowledged, thank you.