



K Road Cliffs Master Plan Community Engagement Report

Final February 2019



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Executive summary

1.1 Background

ChatterBox Projects was engaged by Wyndham City Council to undertake two place-based pop-up consultations. These were for the purpose of seeking feedback from the community to help inform the development of the K Road Cliffs Master Plan.

The place-based pop-up consultations constituted one form of the engagement used to gather community feedback. Council also hosted a mapping tool and feedback form online through 'The Loop' online portal.

Two pop-ups were held onsite at K Road Cliffs, one on Saturday 9 February from 10am-1pm and one on Sunday 10 February from 2pm-5pm.

Two events were held in conjunction with the two pop-up events, in order to encourage the community to visit K Road Cliffs and provide their feedback. On Saturday, Nature West ran a bird watching walk and on Sunday Victoria Fisheries ran two 'come and try' fishing workshops.

The pop-up event on Saturday was affected by extreme weather which consisted of rain and very strong winds. However, we were able to engage with approximately 20 people, most of whom were local residents and bird enthusiasts.

On Sunday we engaged with approximately 60 people, the majority of whom came to participate in the 'come and try' fishing workshops. Many were visiting K Road Cliffs for the first time.

1.2 Participation

During the place-based pop-up consultations, a wide range of people were consulted including local residents, people who had not visited K Road Cliffs previously, children, parents, bird watchers, fishing enthusiasts and other members of the general community.

A total of 315 written ideas and views were gathered throughout the community engagement process via the hardcopy survey, online mapping tool, the voting pod, a dotmocracy activity, the chatboards and idea drawings at pop-up events.

- 115 comments were received via the 48 hard copy surveys
- 6 ideas were received via the online mapping tool
- 52 comments were received via Facebook
- 10 pins showing what the community love and areas for improvement were received via the online mapping tool
- 14 comments were received via the chatboards at pop-up events
- 43 people participated in the dotmocracy activity at pop-up events
- 68 people participated in the voting pod activity at pop-up events
- 3 Big Idea drawings were received from children at pop-up events
- 4 submissions were received via email

The engagement was promoted both via postcard and via Council's Facebook page.

The Facebook page:

- Had a reach of 17,150 with 50.8% being women and 49.2% men aged between 14-56 located in Victoria
- 103 people clicked on the image

- 283 people clicked on the link
- Had 201 reactions (i.e: likes, thumbs up)
- 52 comments and
- 57 shares

1.3 Key engagement themes

The themes that emerged from the community through the engagement activities, including the survey and place-based pop-up events, are outlined below. Comments and opinions were received via hard copy surveys, the 'Loop', individual submissions and through the dotmocracy activity.

Walking paths and improved access

The most popular topic during the engagement was that of formalised walking paths and improved access, about which 32 comments and 22 votes on the dotmocracy board were concerned.

Comments included requests for better access to the river, new step access to the river with handrails, walking paths to connect to other areas within Werribee South such as the Werribee Mansion and Graham Wetlands and the installation of viewing platforms to reduce the number of people walking along the fragile cliff face to view the cliffs.

A sample of the comments received can be seen below. All comments received can be found in sections 2, 3 and 4 of this report.

The following comments are verbatim as received.

"More places with access to the water"

"Maybe a safer entrance to go down (railings)"

"better walking trails, develop the bank more"

"A walking track to Graham's wetlands Reserve/Beach (Non damaging)"

"Walkable tracks-safe environmental looking steps and stairs. Natural and stylish"

"Keep foot traffic down low, make viewing areas."

"Walking trails from the Werribee Park heritage area to the visitor centre and on to river mouth will be of substantial benefit in unlocking this asset for passive, non-intrusive recreation."

"Improve viewing area"

"walking track along the river from Werribee Park to the cliffs"

Drainage

The second most popular topic raised during the engagement was the issue of drainage, with 14 comments and 21 votes on the dotmocracy board received.

Many respondents felt that the blocked drains along the road edge of the of K Road Cliffs car park were the main cause of erosion of the cliff face due to the water flowing over the cliff edge. There were many requests that these drains be urgently unblocked to stop further erosion.

In many discussions, the issue around the removal of 14 trees along the top of the cliffs, to assist with reducing further erosion, were also seen by many as unnecessary and connected to the issue of the blocked drains.

There were robust conversations about drainage and tree removal at the Saturday pop-up event where many local residents attended.

A sample of the comments received can be seen below. All comments received can be found in sections 2, 3 and 4 of this report.

The following comments are verbatim as received.

“Clean out the drains and grade towards what should be the lowest point”

“As a matter of urgency the public wanted the water to be prevented from flowing over the cliff, which would have been achieved simply by clearing the culvert and possibly lowering the discharge point at the western end of the culvert.”

“Preserve and not cut the trees as they contribute to the area”

“Leave the trees or if any have to be cut down, copisce them, the roots are holding the cliffs together”

“Water ponds in the car parks after rain events and either overflows over the cliff edge or slowly saturates into the soil at and behind the cliffs. This leads to erosion and destabilisation of tree root zones, making trees more susceptible to collapsing and the cliff face breaking down.”

“The drainage system along the cliffs needs to be cleaned out and reinstated where needed.”



“regrowth of vegetation to avoid erosion”

“It is this non-functioning drain that has been the main cause of water being directed over the K Road Cliffs”

“a survey of the current vegetation systems needs to be carried out to determine what is currently useful and what is not. This included trees.”

“Decisions could then be informed by science as to the best means of vegetation programs being utilised for stabilisation works, especially on the lower cliffs.”

“Water ponds in the car parks after rain events and either overflows over the cliff edge or slowly saturates into the soil at and behind the cliffs. This leads to erosion and destabilisation of tree root zones, making trees more susceptible to collapsing and the cliff face breaking down.”

Revegetation

Revegetation was also raised as a concern on many occasions, with 22 comments received. Suggestions included revegetation of the bottom of the cliffs in order to assist with cliff stability, revegetation of the top of the cliff to assist with erosion, and revegetation for both shade and aesthetics.

The following comments are verbatim as received.

“Revegetate existing car park area”

*“It needs drainage, access, car parking, aesthetics and **vegetation improvements.**”*

“revegetation, no tree felling “

“regrowth of vegetation to avoid erosion”

“Reprofiling, closing and revegetating this area will reduce water access to the upper cliff faces, thereby reducing erosion and associated damage.”

Maintenance and rubbish removal

14 specific comments were received about the need to find solutions to the issue of rubbish dumping and general rubbish that is left onsite.

Suggestions included additional bins for general rubbish and left-over fishing line, more law enforcement regarding the disposal of rubbish and a possible increase to the regularity of rubbish removal.

The following comments are verbatim as received.

“take care of the environment and respect it's beautiful and natural site, especially not littering constant maintenance”

“Bins for old fishing lines near to the water”

“littering is a huge problem, not the least fishing litter. Enforcement of laws in relation to litter and fishing need to be enforced”

“increase litter and rubbish dumping management”

Other

Other comments that were raised on more than one occasion included requests and suggestions for:

- Viewing platform to view the cliffs
- Signage, including interpretative signage, for flora and fauna found in the area, aboriginal history and directional signage for walking trails.
- Improved picnic and BBQ facilities
- Improvements to the car park including consideration to move the car park away from the trees and cliff edge in order to reduce compaction and cliff erosion

1.4 Conclusion

The two pop-up events at K Road Cliffs were successful in engaging with both local residents and visitors to the area.

The local residents were able to convey their concerns about K Road Cliffs as well as share their ideas, the history and their personal insights of the area. There was a lack of trust from the local residents that Council would act on their concerns around the drainage issues and their disapproval of the tree removal.

Visitors, many of whom were first time visitors, were amazed at the beauty of the K Road Cliffs. They were able to share their ideas on how the site could be improved for the future.

There seemed to be a lack of understanding of what the purpose of the K Road Cliffs master plan was. There were many comments both in person and via social media about ‘leaving the cliffs alone’ thinking that Council was going to over develop or significantly change the site.

However, many people who attended the pop-up events were very appreciative of the two free activities scheduled to coincide with the community engagement events and were also very appreciative of the opportunity to share their views with Council and ChatterBox Projects staff onsite at K Road Cliffs.



Victorian Fisheries Come and Try Fishing workshop at K Road Cliffs



The community came out to share their thoughts and ideas on a cold, wet and windy Saturday.

Overall Survey Results

This section provides the results from the hardcopy surveys that were completed by the community. A total of 48 surveys were completed, 18 on Saturday and 30 on Sunday.

2.1 Survey results summary

The survey consisted of eleven questions: three demographic questions, five closed ended questions and three open-ended questions.

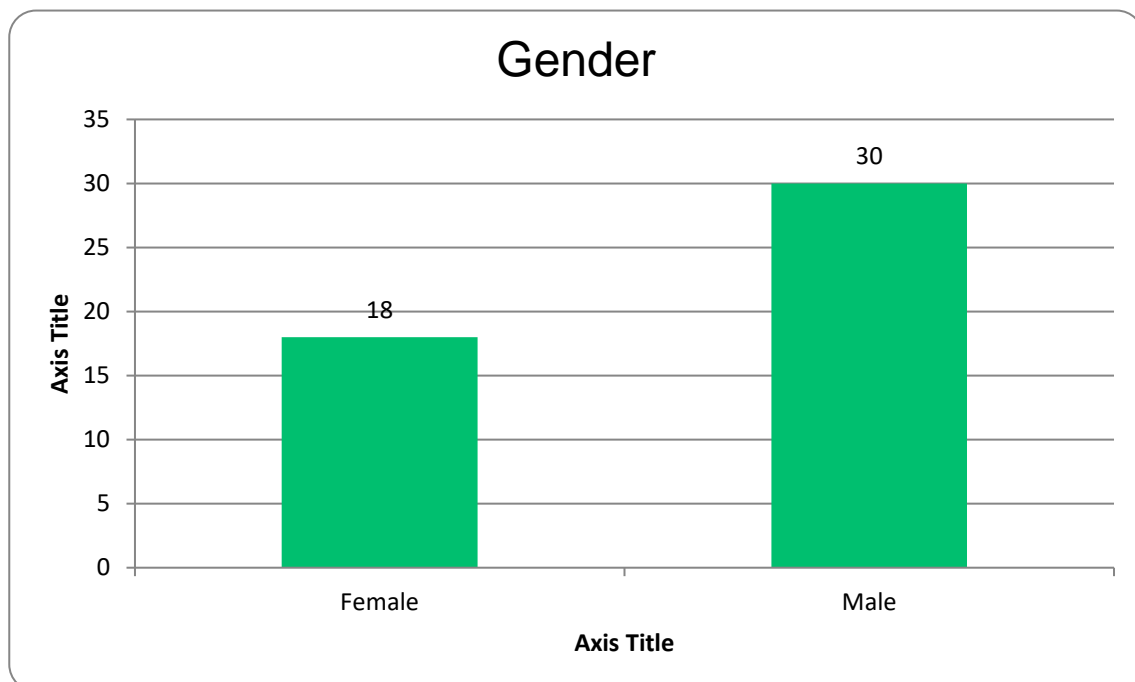
Of the 48 people who completed the survey:

- There was a good cross section of respondents of all ages, however there was more representation 35-44 years and 55-64 years.
- 37.5% (18) were female and 62.5% (30) were male.
- 81.25% of respondents lived in Wyndham with 50% living in Werribee and Werribee South
- 77% had visited K Road Cliffs before
- 84.6% drive to visit K Road Cliffs

The image shows a survey form titled 'Wyndham City Council K Road Cliffs Master Plan Community feedback and ideas survey'. It includes instructions for respondents to provide feedback on the proposed master plan. The form contains several sections with checkboxes and text boxes for answers.

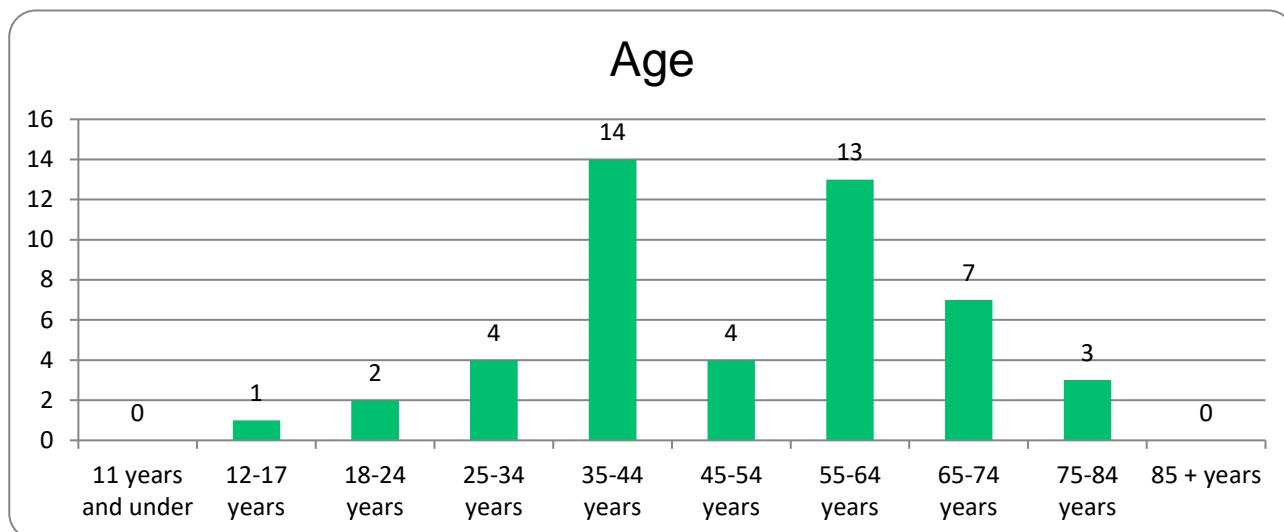
2.2 Gender

Of the 48 respondents who indicated their gender, 37.5% (18) were female and 62.5% (30) were male.



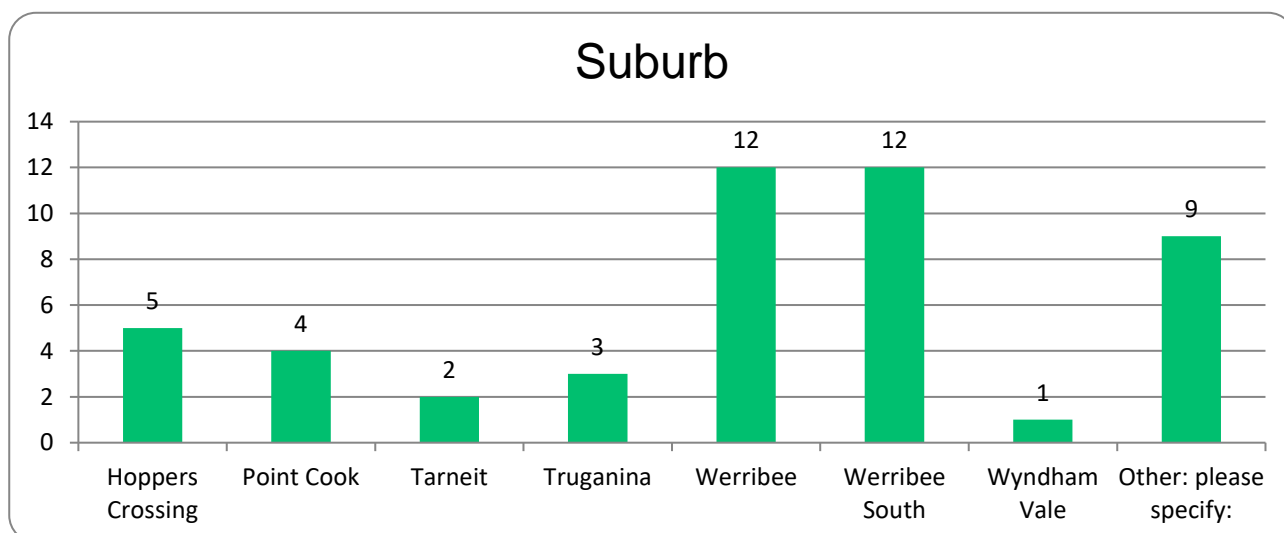
2.3 Age

Of the 48 respondents who indicated their age, the two most represented age groups were those aged 35-44 years (29.7%) and 55-64 years (27.08%).



2.4 Suburb

Of the 48 respondents who indicated where they lived, 12 (25%) lived in Werribee, 12 (25%) lived in Werribee South, 9 (10.41%) in Hoppers Crossing, 4 (8.33%) in Point Cook, 3 (6.25%) in Truganina, 2 (4.16%) in Tarneit and 1 (2.08%) in Wyndham Vale. 18.75% 9 (18.75%) lived elsewhere including Warnambool (2), Altona Meadows (2), Syndeham (1), Flemington (1), Rowville (0) and Toorak (1).

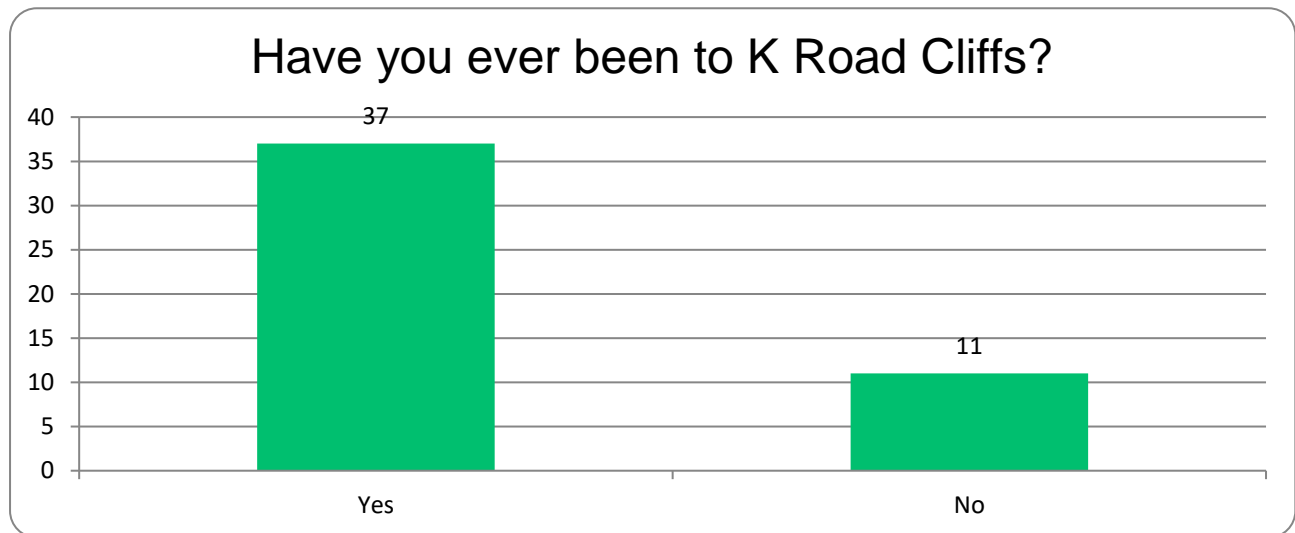


2.5 Have you ever been to K Road Cliffs??

Of the 48 respondents who answered this question, 37 (77.08%) had been to K Road Cliffs and 11 (22.92%) had not.

10 respondents commented on why they hadn't been to K Road Cliffs before. Reasons included:

- I didn't know about it (7)
- Just moved here (1)
- Didn't know where it was (1)
- Unsure how to access (1)

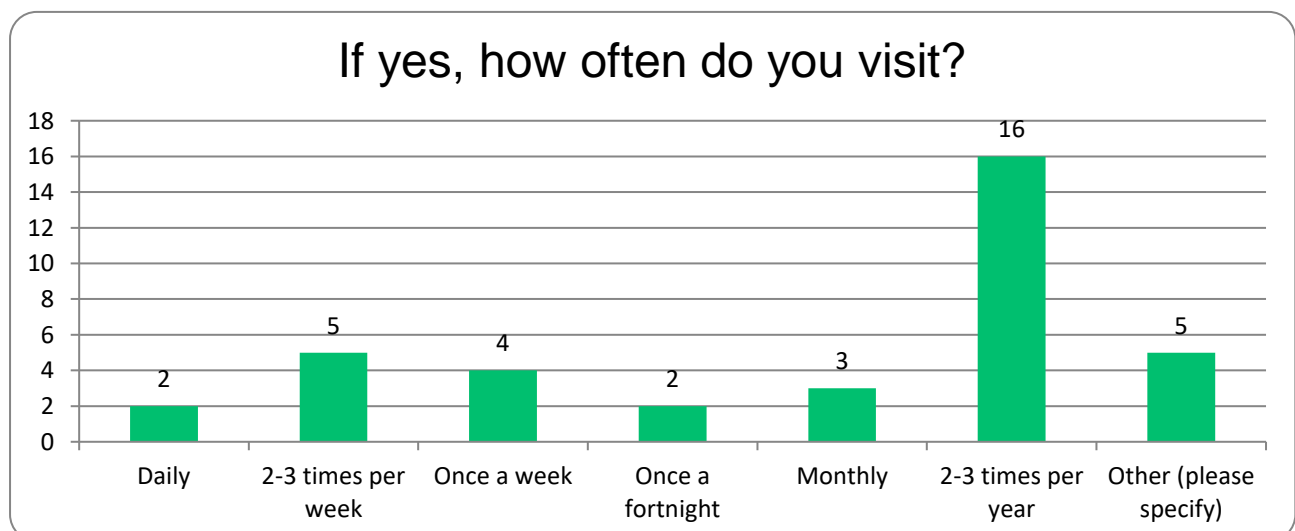


2.6 If yes, how often do you visit?

Respondents were asked how often they visit K Road Cliffs. Of the 37 respondents who answered this question, 2 (5.41%) visit daily, 5 (13.51%) visit 2-3 times per week, 4 (10.81%) visit once a week, 2 (5.41%) visit once a fortnight, 3 (8.11%) visit monthly, 16 (43.24%) visit 2-3 times per year and 5 people indicated other.

There were five responses to 'other:'

- More than three times per week (1)
- Once in 7 years (1)
- When I bring visitors (1)
- Go to Wyndham Harbour (1)
- Only recently stopped, generally drive by, have been unaware (1)

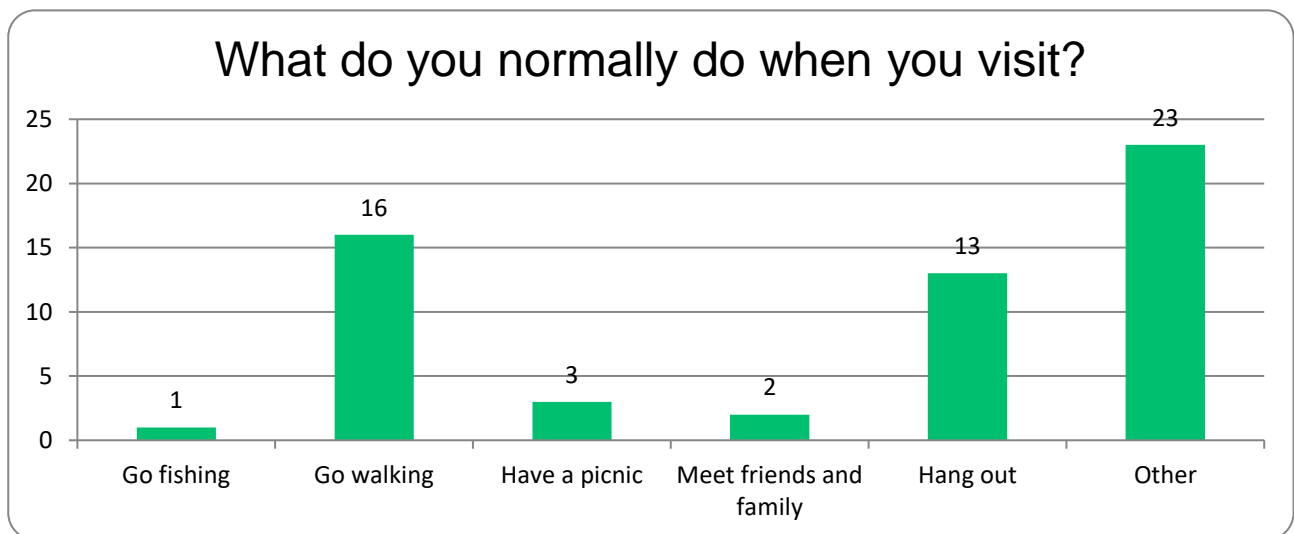


2.7 What do you normally do when you visit?

The community were asked what they normally do when they visit K Road Cliffs. There were five predetermined options that could be selected and a space for other.

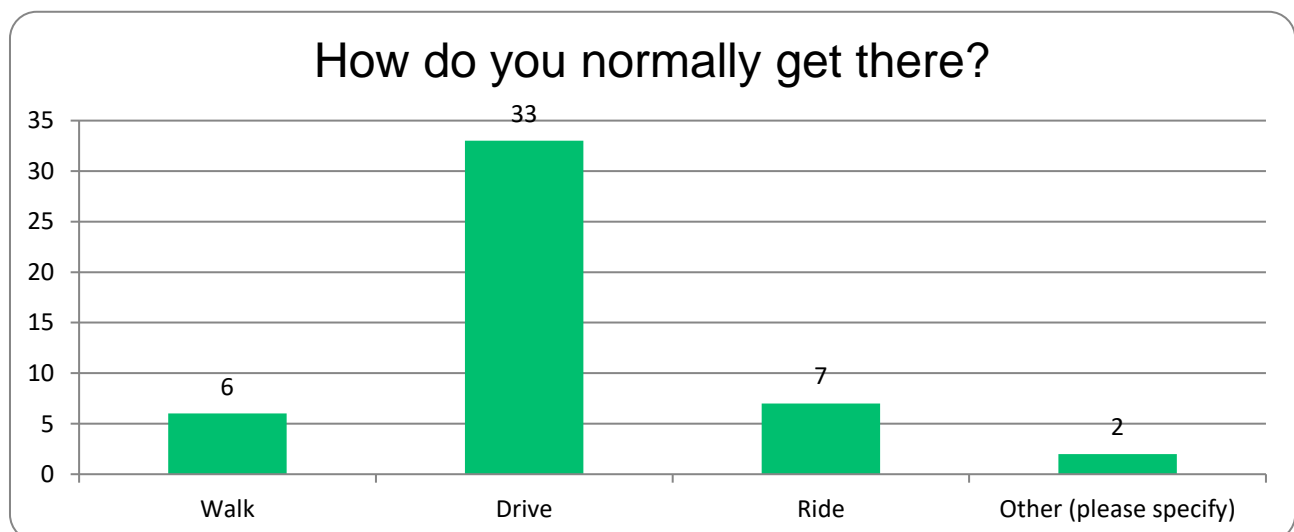
Of the 40 respondents who answered this question, 16 (59.26%) said walking, 13 (32.5%) said hang out, 3 (7.5%) said have a picnic, 2 (5%) said meet friends and family, 1 (2.5%) said go fishing. 23 respondents said 'other,' and included:

- View/admire the cliffs (8)
- Birdwatching (3)
- Take photos (3)
- Play golf (2)
- Bike riding (1)
- Go to the zoo (1)
- Sing (1)
- Have lunch (1)
- Drive past (1)
- Relax (1)
- Sightseeing (1)



2.8 How do you normally get there?

Of the 39 people who indicated how they get to K Road Cliffs, 33 (84.62%) drive, 7 (17.95%) ride, 6 (15.38%) walk and 2 people indicated 'other' indicating kayak (1) and bus (1).



2.9 What is your favourite place on the Wyndham Coast?

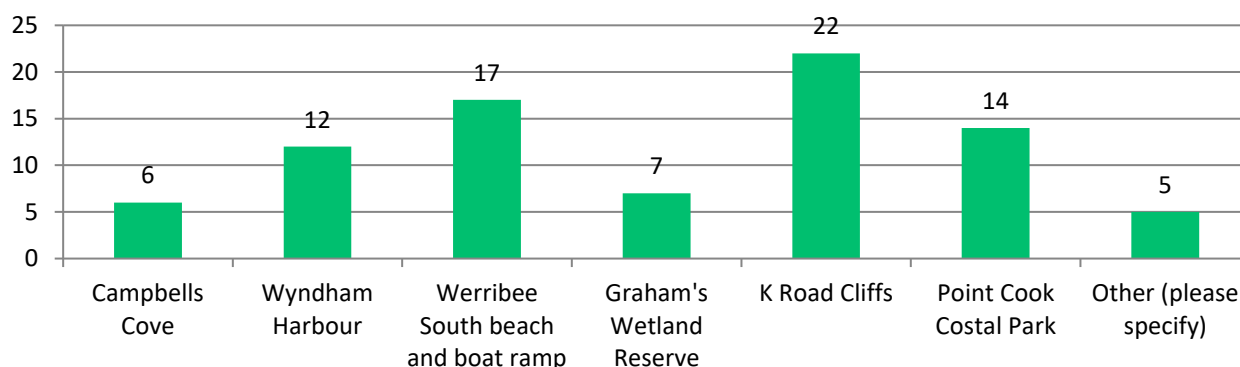
(Please note: respondents often ticked more than one)

Of the 46 people who answered this question, 22 (47.83%) said K Road Cliffs, 17 (36.96%) said Werribee South Beach and boat ramp, 14 (30.42%) said Point Cook Coastal Park, 12 (26.09%) said Wyndham Harbour, 7 (15.22%) said Graham's Wetland Reserve, 6 (13.0%) said Campbells Cove and 5 indicated other.

Other included:

- Rocky Point (1)
- Equestrian Centre (1)
- Western Treatment Plant (1)
- Werribee River Park (1)
- I haven't been to any of these (1)

What is your favorite place on the Wyndham Coast?

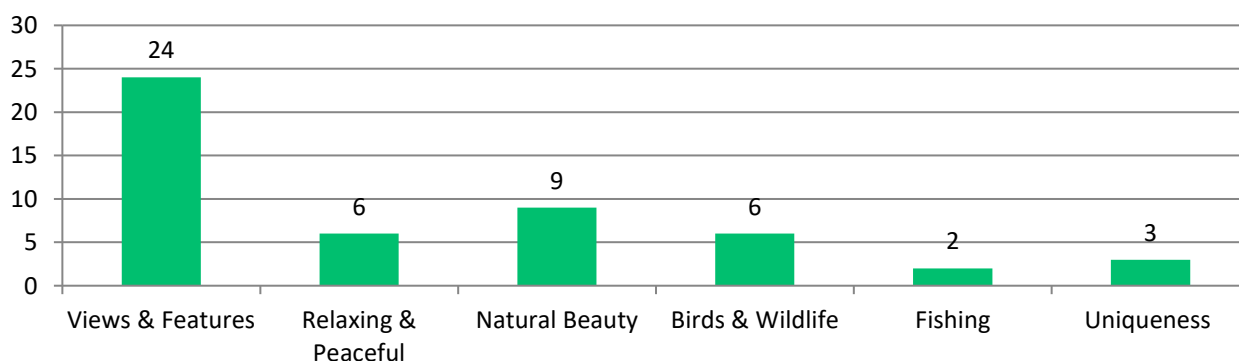


2.10 What do you love or value most about the K Road Cliffs?

(Please note: respondents often listed more than one thing they love or value)

Of the 41 people who answered this question, 24 people (58.5%) said the views, followed by the natural beauty (9), relaxing and peaceful (6), bird and wildlife (6), ecosystem/environment (3), its uniqueness (3) and fishing (2).

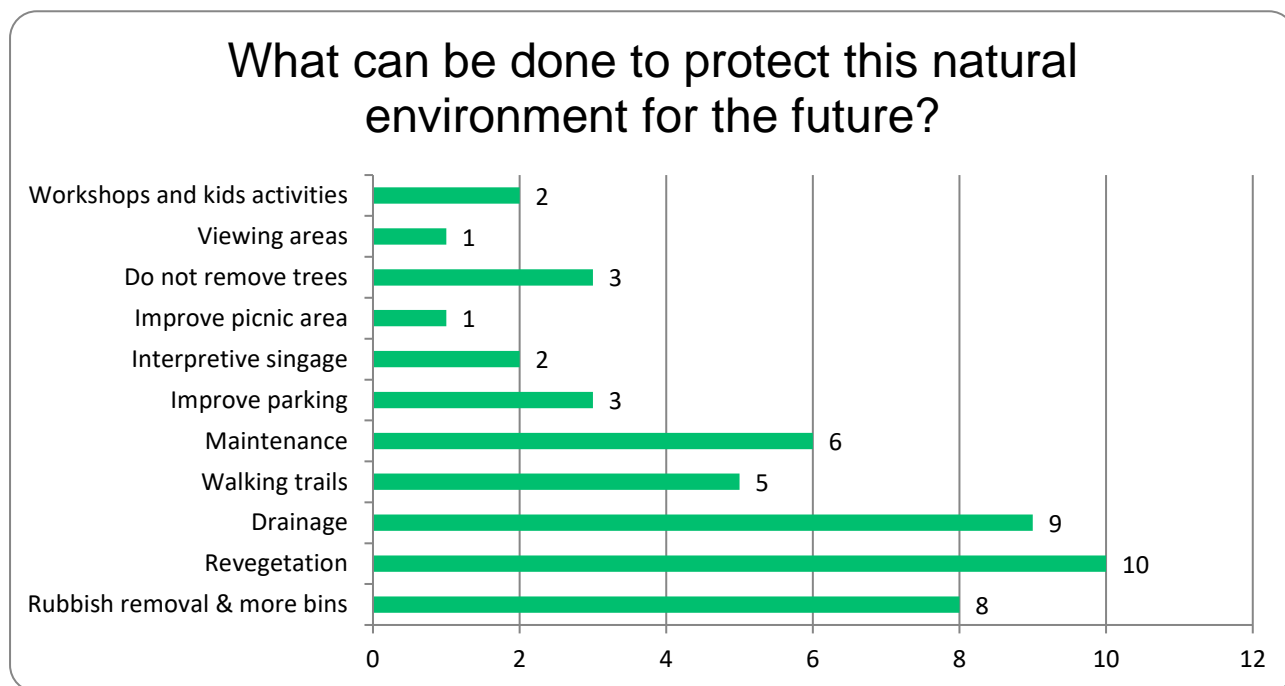
What do you love or value most about K Road Cliffs?



2.11 What can be done to protect this natural environment for the future?

(Please note: respondents often suggested more than one thing to protect K Road Cliffs)

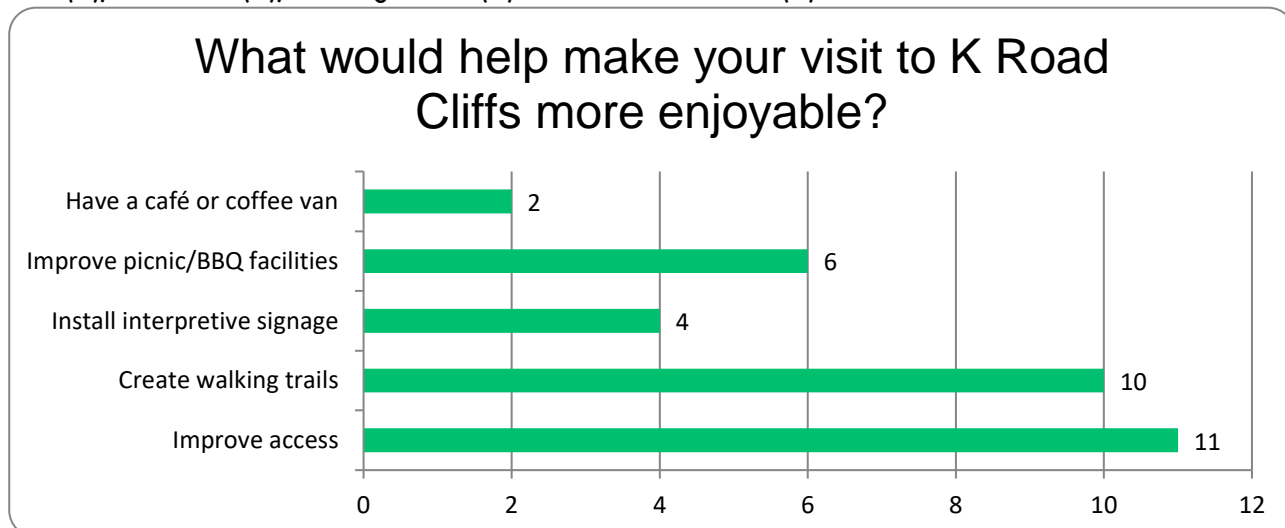
Of the 38 people who answered this question, 10 people said that revegetation needs to occur to protect K Road Cliffs, followed by repair and improve drainage (9), remove rubbish and supply more bins (8), undertake more maintenance (6), install walking trails (5), improve, reduce or relocate carpark (3), do not remove the trees (3), have more workshops and kids activities (2), install viewing areas (1), and improve picnic areas (1).



2.12 What would help make your visit to K Road cliffs more enjoyable?

(Please note: respondents often suggested more than one thing to protect K Road Cliffs)

Of the 36 people who answered this question, 11 people said improving access to both view the cliffs and to access the river would make their visit more enjoyable, followed by create walking trails (10), improve picnic facilities/install a BBQ (6), install interpretive signage (4) and have a café or coffee van (2). Other suggestions that were listed on one occasion included revegetation (1), boating hire (1), bird hide (1), viewing areas (1) and control vehicles (1).



3. Place-based Pop-Up Engagement Results

3.1 Overview

The approach used for the place-based engagement activities was the ChatterBox pop-up trailer platform. This platform is a bright yellow, custom built mobile trailer that has been specifically designed to take creative and inclusive engagement tools to locations where people are.

The tools used as part of the pop-up platform were specifically designed to:

- gather data that aligned with the survey
- enable people to get involved in a range of ways, especially if they felt uncomfortable filling in a survey or were time-poor
- encourage responses from a diverse range of people

The place-based pop-up consultations were not only beneficial in engaging with the community, they were also beneficial in promoting the project and providing an opportunity for the community to engage with Council out of hours.

Place-based engagement pop-up schedule

POP UP	DATE	TIME	SUPPORTING ACTIVITY
Pop Up 1	9 February	10am-1pm	Bird watching walk
Pop Up 2	10 February	2pm-5pm	Come and Try Fishing workshops (2)

3.2 Place-based pop-up engagement summary

A range of engagement tools were used at the pop-up consultations, enabling the community to provide their feedback in a variety of ways.

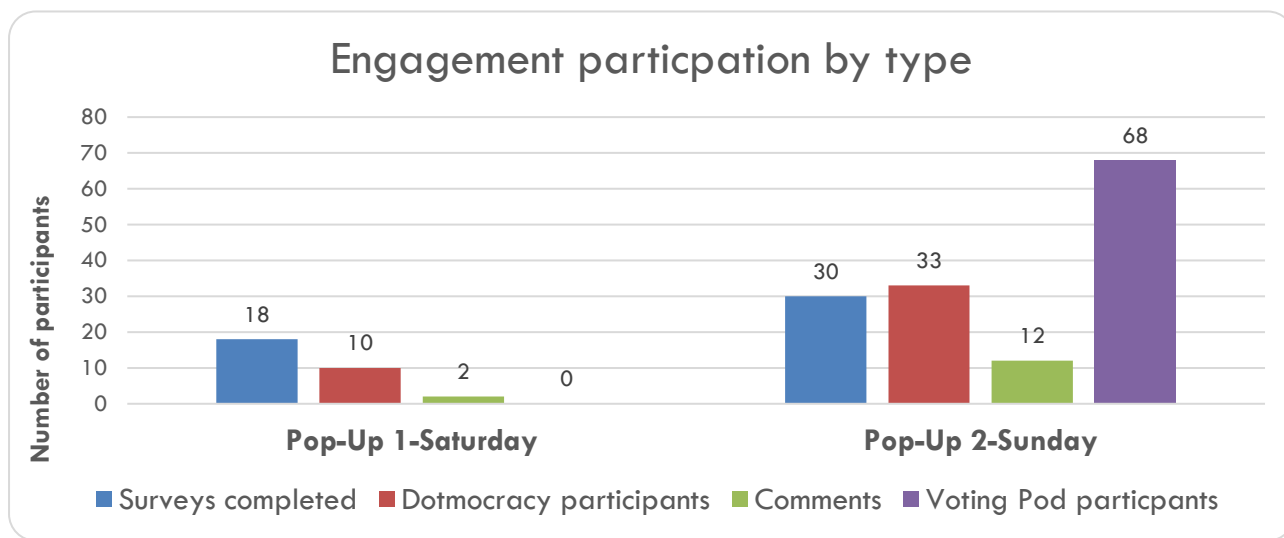
The tools included a hard copy survey, dotmocracy activity (voting with dots), chatboard, voting pods and a 'big idea' drawing sheet.



Overall participation

- 48 people completed a survey
- 43 people participated in the dotmocracy activity
- 68 votes were received via the voting pod
- 14 comments were received via the chatboards
- 3 children and young people drew their ideas
- Approximately 100 people were engaged including adults and children.

The graph below outlines the pop-up platform engagement tools that were used and how many people participated.



Furthermore, the place-based activities enabled engagement with people who otherwise may not have participated in traditional Council engagement methods, including children, young people, busy parents/carers, older people and people from diverse backgrounds.

3.3 Dotmocracy results

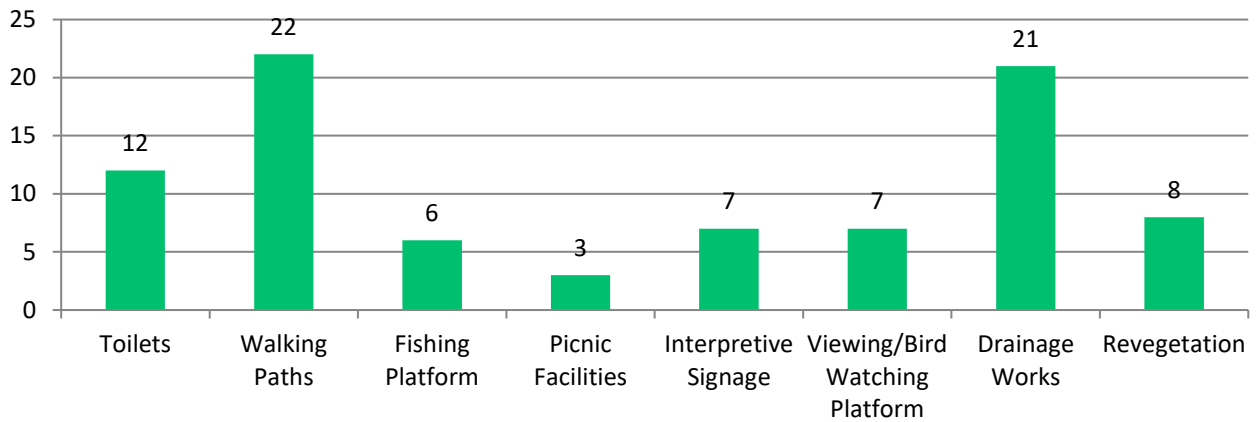
The dotmocracy activity involved a list of possible elements that may be a part of the K Road Cliffs Master Plan. The community were asked to select the two elements which were the most important to them.

43 people participated in the dotmocracy activity, 10 on Saturday and 33 on Sunday.

Different coloured dots were used for people under 18 years (yellow dots) and over 18 years (blue dots). Most people who participated were over 18 years old.

Walking paths received 22 dots (51.15%), followed by drainage works 21 dots (48.87%) and toilets, 12 dots (27.9%).

If the following elements were included in the K Road Cliffs master plan, which two elements would be the most important to you?



If the following elements were included in the K Road Cliffs master plan, which two elements would be the most important to you?



Fishing platform	Revegetation works	Interpretive signage	Public toilets	Walking paths	Drainage works	Bird/viewing platform	Picnic facilities

Images are samples only

3.4 Chatboard responses



At each place-based pop-up event, Chatboards were used to ask three questions:

- What do you love or value most about K Road Cliffs?
- What can be done to protect K Road Cliffs for the future?
- What would help make your visit to K Road Cliffs more enjoyable?

A total of 14 comments were written on the chatboards at both pop-up events. These comments are shown below.

These comments reflect the themes that emerged from the survey responses, including the need to revegetate, the installation of walking trails and issues around the removal of the trees.

What do you love or value about the K Road Cliffs?	What can be done to protect the K Road Cliffs for the future?	What would help make you visit to K Road Cliffs more enjoyable?
Cliffs	What is the purpose of these sessions when 14 trees are being cut down on Tuesday?	Walking paths x 2
Natural habitat	Why can't we delay removal of the trees?	Kayak tie off point
Formation of soils	More vegetation to stop erosion	Birding info
Colour and habitat	Fence off areas that are at risk from erosion	More trees along river bank
View-variety of landscapes	More facilities-toilets	

3.5 Voting pod responses



A voting pod was used to ask the community what their favourite place was on the Wyndham Coast.

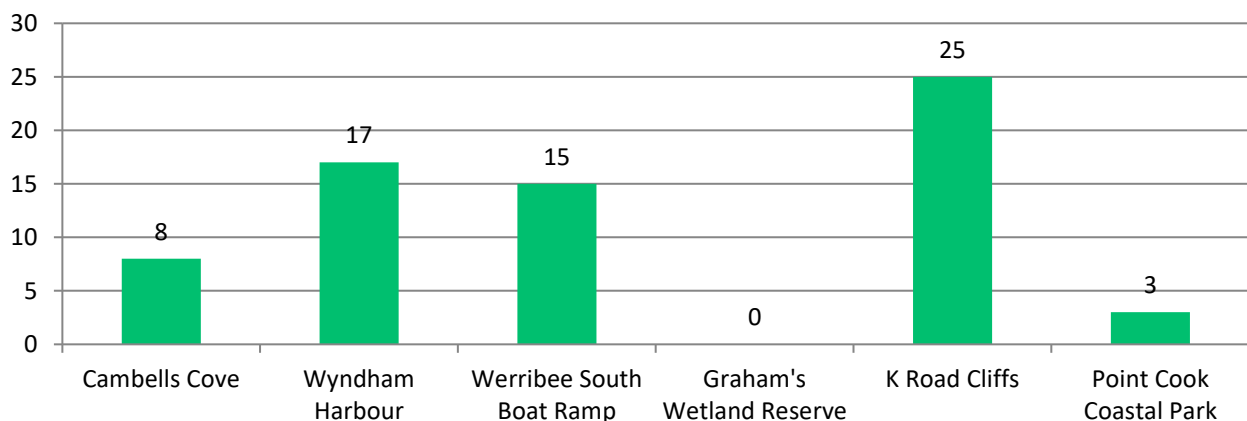
Unfortunately, the voting pods were unable to be used during the pop-up event on Saturday due to the extreme wind and rain.

Of the 68 people who participated in the voting pod activity on Sunday, 39 were under 18 years and 29 were over 18 years.

K Road Cliffs was voted the most favourite place with 25 votes, followed by Wyndham Harbour, Werribee South beach and boat ramp, Campbells Cove and Point Cook Coastal Park.

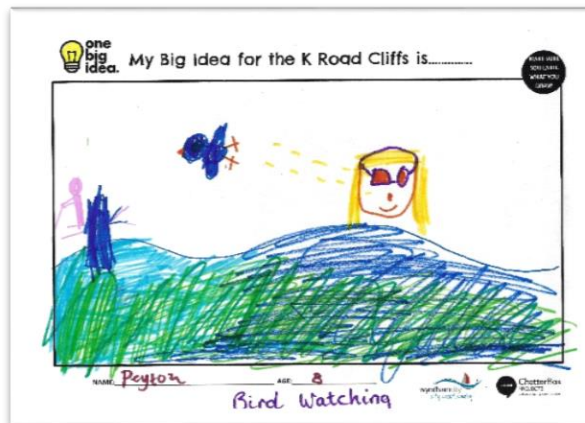
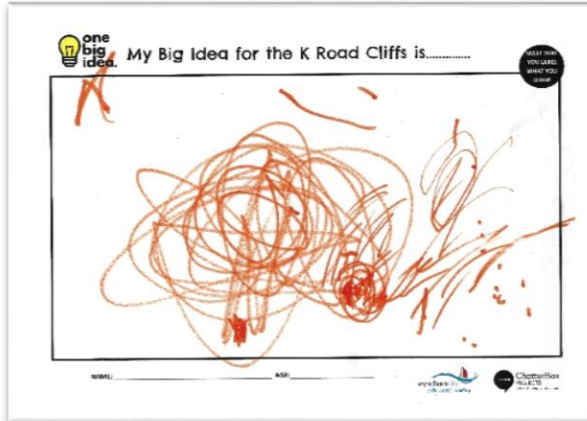
Please note that due to the pop-up consultation being held at K Road Cliffs there is a bias in the results.

What is your favourite place in Wyndham?



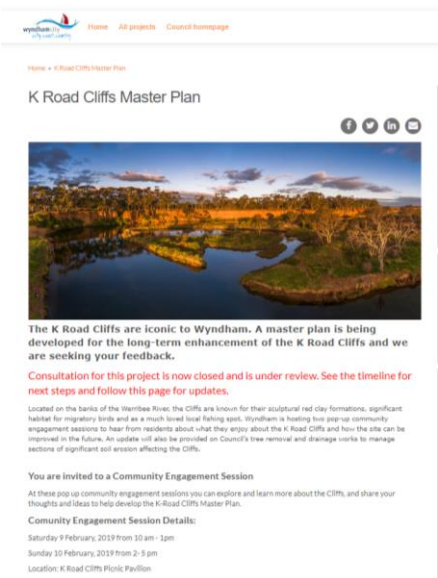
3.6 Big ideas drawings results

Three children provided their 'big ideas' for K Road Cliffs. Savannah (6 years) suggested fishing and Payton (8 years) suggested bird watching. One was a drawing from a very young child, and depicted the area.



4. Online feedback

4.1 ‘The Loop’




Council hosted an online feedback form and mapping tool via the ‘Loop’, Council’s online engagement tool.

The community could drop a pin on a map to show places they love and to show locations that they thought needed improvement within the K Road Cliffs precinct. They were also able to share their ideas and comments about their experience at K Road Cliffs.

4.2 Ideas


Five ideas were received from three individuals.


Ideas included the installation of interpretive signage celebrating the indigenous history of the area and highlighting the fact that Hume & Hovell camped in the area in 1824, the improvement of viewing areas, the resurfacing of th car park, the management of the dumping of rubbish, the creation of walking tracks along the river from Werribee Park to the cliffs and the building of a geodesic building off the cliff with a range of facilities.



Myuille
21 days ago


Provide information noting and celebrating our indigenous people's history in this place over thousands of years


Share 0 Comments 1 



Myuille
21 days ago

Improve viewing areas, resurface car park, increase litter and rubbish dumping management, landscape car park


Share 0 Comments 1 




LRPWDHS
21 days ago

Signage acknowledging that Hume & Hovell camped on the night of 17 December 1824 on the river flats that are now the Werribee Golf Course


Please visit www.humehovellxpedition.com
Staff at the State Libr...


Share 0 Comments 1 



Myuille
21 days ago

Walking track along the river from Werribee Park to the cliffs so that visitors to the area do not miss this beautiful place


Share 0 Comments 1 



NigelM
7 days ago

Build a geodesic building off the cliffs side with facilities, cafe, information center / gift shop. A balcony lookout. Picnic & Carpark.

Tasteful environmentally friendly facility.

Share 0 Comments 1 

4.3 Mapping tool

Ten pins were dropped on the mapping tool via the 'Loop', the Council online engagement portal. Seven of these were suggestions for improvements and three pins were to show what they love about K Road Cliffs.

People love the fishing and birds, the lookouts along K Road, the beautiful cliffs and the fact that if feeling lazy, you are able to still see the cliffs while sitting in the car.

Suggested improvements include improving walking tracks and installing new ones, building a bridge across the river, fixing the drainage, preserving the trees, improving access, and one suggestion of having a café or dinner events on top of the cliffs.

Pin 1: I wish k road had a dedicated bike lane
IMPROVE
CREATED BY ERICB
21 DAYS AGO

Pin 2: There is a little track along the werribee river here, it would be great if it was a little more formed and signposted.
IMPROVE
CREATED BY ERICB
21 DAYS AGO

Pin 3: Improve the track in this area for bike usage. Bridge over river liked to Werribee South.
IMPROVE
CREATED BY MAXIMUM
21 DAYS AGO

Pin 4: I love the the little lookouts along k road. I love that it is natural and great little surprise when you see these beautiful red cliffs through the trees. I love that if you are feeling lazy you can see it from the car.
LOVE
CREATED BY ERICB
21 DAYS AGO

Pin 5: Save/preserve the trees along cliff edge. Work out drainage for the parking lot; water needs to get down cliff without causing erosion. Parking lot floods after rain and sits for 4-5+ days. Watching birds is why I stop here.
IMPROVE
CREATED BY PAGEAL
20 DAYS AGO

Pin 6: This site would lend itself well to a cliff top cafe or restaurant, even in a special, once a year, bookings only event. The location is perfect for something extraordinary. Guest chef, gourmet dining, 2 weeks only! Developing it as an iconic view point rather than a dusty lay-by is far more economically viable, it could even be a sustainability and habitat center, facilitating the bird watchers and natural env. education whilst once or twice a year transforming into a bespoke dining or gallery space!
IMPROVE
CREATED BY WYNNING
3 DAYS AGO

Pin 7: Facilities need to be improved and access. Need better access to river bank, north and south of the site.
IMPROVE
CREATED BY MAXIMUM
21 DAYS AGO

Pin 8: develop a track to river mouth from the pavilion
IMPROVE
CREATED BY ELISE
11 DAYS AGO

Pin 9: develop the track to the centre island section across the river from the cliffs
LOVE
CREATED BY ELISE
11 DAYS AGO

4.4 Wyndham City Living Facebook engagement

Council promoted the K Road Cliffs Master Plan engagement and activities via Council's Wyndham City Living Facebook Page with three individual posts.

In total the two posts had:

- a reach of 17,150 with 50.8% being women and 49.2% men aged between 14-56 located in Victoria
- 103 people click on the image
- 283 people click on the link
- 221 reactions (i.e: likes, thumbs up)
- 68 comments and
- 69 shares

The first post on 28 January received:



- 194 likes
- 7 ♥
- 41 comments and
- 57 shares

Comments included:

- Leave the cliffs alone (4)
- Negative/sarcastic comments (5)
- Against fishing (3)
- Support for activities (5)



The second post on 8 February received:

- 20 likes
- 27 comments and
- 12 shares

Most comments were people sharing the event to other people using their name in the post.

5. Individual submissions

Four individual submissions/emails were received from the community. Their comments have been listed and summarised below.

Submissions 1	<ul style="list-style-type: none"> • Voiced strong objections to 14 trees being removed along the cliff face • Agrees that carefully managed coppicing is likely to extend the life and root-strength of the sugar gums • The fundamental cause of increased erosion of the steepest, eastern-most section of cliff-face is undercutting of the cliff base due to high water velocity and turbulent flow during intermittent periods of river flooding. This natural geological phenomenon leads, eventually, to the formation of billabongs. • The best way to slow the present rate of erosion may be to form a wide shallow flood-way (or spill-way) across the narrow strip of low-lying land on Melbourne Water property at or near the southern end of the river loop. This spill-way should be shallow enough to stay dry during periods of normal river flow but deep enough to divert the main force of flood-waters away from the sensitive cliff face. • Erection of barriers to prevent vehicles from compressing the root zones of all the sugar gums, ie, to stop cars from parking or driving over this sensitive area. • Council's decision to expedite funding for drainage works is welcome and sensible. However, it is difficult to believe that WCC would need to spend much time seeking Cultural Heritage Management authority to clean out the existing road-side drains, and to dig them a bit deeper where required. • The simplest, most cost-effective solution is to divert the local surface run-off into the two existing storm water spillways situated at either end of the eastern-most cliff-face? • As soon as the existing road-side drains are upgraded, Council might like to consider covering sections of drains to provide more parking space for visitor's vehicles.
Submission 2	<ul style="list-style-type: none"> • Observations of inaction by Council to rectify the non-functioning drain running from K Road, along the Golf Course fence to the Werribee River • It is this non-functioning drain that has been the main cause of water being directed over the K Road Cliffs. • During minor rain fall this is of no consequence as the culvert will hold many thousands of litres of water, but in heavy downpours once the water level in the drain rises, it cannot flow away and so' is then directed over the cliffs. • This drain doesn't rate a mention in the Cultural Heritage Management Plan – Page 73 Appendix 2: Development Plan • The proposed work outlined in the Cultural Heritage Study will only direct water to the non-functioning drain. It may need to build up to a depth slightly greater than it does at present, but then it will flow over the cliff. • As a matter of urgency the public wanted the water to be prevented from flowing over the cliff, which would have been achieved simply by

	<p>clearing the culvert and possibly lowering the discharge point at the western end of the culvert.</p> <ul style="list-style-type: none"> • I am very disappointed that Council officers could not make a decision themselves on a simple urgent drainage problem and have complicated the issue and increased the cost to such an extent that it now has to be a proposed item in next year's budget. • Looking towards K Road showing the spoon drain/ culvert which is intended to direct water from over many thousands of square metres away from the cliffs. • Chocked up in some places with debris over 150 mm deep.
Submission 3	<ul style="list-style-type: none"> • Disappointed and frustrated that the project has dragged on for so long and still has so far to go. • In May 2008, Golder Associates recommended effective drainage to prevent water flowing over the cliff edge (to DSE as delegated authority at the time). A similar recommendation was made in the Slope Stability Report of 2014. The current project arose in mid 2016 with a degree of urgency. A while back it looked like funding was to be provided this financial year for the complete project (engineering works, landscaping, community amenities etc). Now funding has been deferred until 2019/20 at the earliest. Probably some three to four years late if lucky. What happened to the \$109K grant Council received from DELWP in 2016 for risk management and erosion control works? • The urgent aspects in 2016 were drainage (erosion control) and safety. As regards drainage, a modest remodelling of the existing drainage system and restoration of earthen mounding along part of the cliff edge would seem to have been all that was required for erosion control in the interim. In hindsight it was unfortunate that it got linked to the community use and visitation aspects. The result so far appears only to be a Cultural Management Plan of 85 pages (likely cost more than any drainage works?) and a to be released preliminary Master Plan. • It is with trepidation that I see the project seems now to be linked with the Coastal Management Plan even though the coast is four kilometres away as the crow flies. Based on precedent, the cost implications and potential delays are of significant concern. I struggle to understand why a relatively simple project has become so complex, lengthy and expensive. • There are at least some positives. Only 14 trees are to be removed rather than the 60-80 planned for removal by Council in 2016. Plant selection for any revegetation will also now likely involve endemic and other native species rather than those recommended (presumably) by Council's consultant arborist.
Submission 4	<ul style="list-style-type: none"> • Stabilisation of the Cliff Zone • Water ponds in the car parks after rain events and either overflows over the cliff edge or slowly saturates into the soil at and behind the cliffs. This leads to erosion and destabilisation of tree root zones, making trees more susceptible to collapsing and the cliff face breaking down. • It is suggested that the profile of the present car parking areas be altered to slope backwards away from the cliffs towards K Road. Here a drainage line could be established from the northern extremity south along the western side of K Road so that the whole area drains into Southern Rural Water's Drain 11 and thence to the River.

	<ul style="list-style-type: none"> • The drainage system along the cliffs needs to be cleaned out and reinstated where needed. • Access and Parking • With the reconstruction of the car parking areas as proposed above, it is suggested that these areas be closed to parking, revegetated and provided with a clifftop walking trail. • Visitor parking can be accommodated at the Golf Club car park which is located at the northern end of the area under discussion. • Reprofilling, closing and revegetating this area will reduce water access to the upper cliff faces, thereby reducing erosion and associated damage. • Vegetation/Revegetation • Aside from the revegetation mentioned above, a survey of the current vegetation systems needs to be carried out to determine what is currently useful and what is not. This included trees. • Decisions could then be informed by science as to the best means of vegetation programs being utilised for stabilisation works, especially on the lower cliffs. • Care will need to be taken in determining best solutions for the long term in the context of future flood events. In other words, don't plant material that will disappear in the first flood. • Viewing/Interpretation Centre • A suitable viewing/interpretation centre needs to be established to convey the history, value and the living nature of the K Road Cliffs. • The most appealing place for such a Centre is somewhere below and back from the cliffs to obtain a broad vista view. • The Golf Club seems to enjoy substantial benefit in its occupancy of the area and no doubt derives commercial benefit from proximity to the cliffs and the river. • A suitable area at the edge of the golf course could no doubt accommodate a visitor centre without causing any interference to the on-course activities. • In fact a strategic partnership with the Golf Club could provide a win/win situation for eco-tourism and sports tourism in the precinct. • Another option might be to locate the centre on the opposite side of the river if the Golf Club proves problematic. • One of the key aspects of this centre must be the opportunity to celebrate the area's indigenous heritage values. • Linkages to the Wider Locale Upstream and Downstream • Walking trails from the Werribee Park heritage area to the visitor centre and on to river mouth will be of substantial benefit in unlocking this asset for passive, non-intrusive recreation. • Community Involvement • The present custodian of the area – Parks Victoria – has indicated that the preservation of the K Road Cliffs is not a priority. • Preparation of a master plan is therefore crucial. Of equal importance is to ensure that the institutional arrangements drive any restoration and preservation program and not hinder it.
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	<ul style="list-style-type: none"> • The Port Philip and Westernport Catchment Authority has clear responsibility in this area. One of its key objectives states (under a banner photo of the K Road cliffs!): • For waterways and wetlands, the objective is to maintain and enhance the environmental values of waterways as indicated by the health and resilience of fish, frogs, platypus, birds, macroinvertebrates, vegetation and amenity. The priorities are to: <ul style="list-style-type: none"> • Protect and improve riparian vegetation crucial to the environmental and social values of waterways • Maintain and, where possible, improve the diversity and populations of native species in the region's waterways, wetlands and estuaries • Improve water quality in waterways, wetlands and estuaries and protect the quality of receiving waters in Port Phillip Bay and Western Port • Protect and improve the features of waterways enjoyed for their aesthetic, landscape and cultural values and for active and passive recreation.
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