

October 2021

TRIM Reference: D-21-108975

# Point Moore

## Beach Usage Community Survey Report



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**Photos:** Point Moore in 2018 (left) and in September 2021.



## Background

Over the years, there has been ongoing community contention about vehicles on Point Moore beaches and complaints about the dangerous driving practices of some drivers. In the last 18 months, this contention has been exacerbated due to the narrowing beach width.

In July and August 2021, winter storms with high swells and high tides caused significant coastal erosion at Point Moore. A temporary closure of the beach to vehicles was put in place to ensure community safety, however, some community members chose to ignore the closure and drove onto the beach regardless.

As a result, at the August Council Agenda Forum Councillor S Elphick introduced an item which sought to prohibit vehicle access at Point Moore for 18 months to enable the dune system and vegetation to recover, protect the habitat of shoreline birds, improve pedestrian safety, and protect the infrastructure both in the coastal reserve and neighbouring Point Moore suburb. The motion also asked for staff to report back to Council after the 18 month closure with advice on how the natural sand replenishment for the area looks like and provide long-term recommendations for the protection of the area.

In the week between the Council Agenda Forum and the Ordinary Meeting of Council, hundreds of comments on social media regarding the agenda item and a number of reports were made to the City regarding the erosion of the dunes, vehicles on the beach from environmental perspectives and complaints about driver behaviour. As a result, Council moved the following alternative motion:

### **At the 24 August 2021 Ordinary Meeting of Council, Council moved to:**

- 1. IMPLEMENT** appropriate management responses to protect the dunes and people using the beaches. This may include closing the beaches periodically if deemed necessary (e.g. after storms, particularly high tides etc.);
- 2. CONTINUE** beach monitoring; and
- 3. UNDERTAKE** community consultation, including with user groups, to raise awareness of the issue, better understand user needs and if possible develop practical, workable solutions to beach erosion matters.

## Community Engagement and Promotion

A two pronged approach to engaging the community as per the Council resolution was undertaken and included a community survey (online and hard copy) and an onsite drop-in information session.

The opportunity for people to have their say on these issues by taking the survey and attending the drop-in information session was promoted via a media release and social media post on 6 September 2021. Hard copy surveys were available at the City Civic Centre, Geraldton Regional Library and Geraldton Visitor Centre.

Letters of invitation to take the survey and attend the drop-in session were hand delivered to 250 places of residence in the West End community, including Point Moore cottage residents and Belair Lifestyle Village residents.

Posters were also displayed at various business across the City who sell products or services to people who may use Point Moore beaches. These businesses/locations included:

- Getaway Outdoors
- Super Cheap Autos
- Mach One Autos
- ARB 4x4
- Ironman 4x4
- Batavia Coast Dive and Watersports
- Geraldton Sports Centre
- Quiet Life Café
- Tarts and Co Café
- Point Moore: Volunteer Marine Rescue Building, various beach entrances

Emails containing the media release and inviting feedback were sent to various water sports/recreation groups, off road driving clubs and organisations, environmental/community groups and organisations, tourism businesses and the Geraldton Volunteer Sea Rescue.

Newspaper advertisements promoting the survey and information session were published in the Geraldton Guardian on 10 and 17 September 2021 and in the Midwest Times on 15 September 2021.

A social media campaign promoting the survey and information session was undertaken with posts published on the City's Facebook page on 9, 16 and 18 September 2021.

## Community Participation Rates

During the two week survey period, 717 community members provided responses. Of these responses, 699 were via the online survey, three were submitted hard copies and 15 surveys were completed at the drop-in information session.

Approximately 70 people attended the drop-in information session held on 18 September 2021 at Bob Davies Park at Point Moore.

## Summary of Survey Results

Nearly all respondents, 95%, said protecting the dune system at Point Moore was important.

The vast majority, over 85%, said visitors to Point Moore beaches really need to look out for, respect and be mindful of one another in a space shared by pedestrians and vehicles.

Nearly two thirds of respondents:

- Drive to Point Moore beaches at least once a week.
- Go to the beach to either swim, walk/run/jog or simply enjoy the views.

Just over half of respondents:

- Use their vehicles for shade and/or wind protection while on the beach.
- Go to the beach to 4 wheel drive.

About one third of respondents want better management of vehicle access to, and vehicles driving on, the beaches.

Less than 15% of respondents:

- Want vehicles prohibited from the beaches.
- Want regulatory controls such as issuing permits and fines to be implemented.

Less than 10% of respondents recommend doing nothing as erosion/accretion is normal at Point Moore.

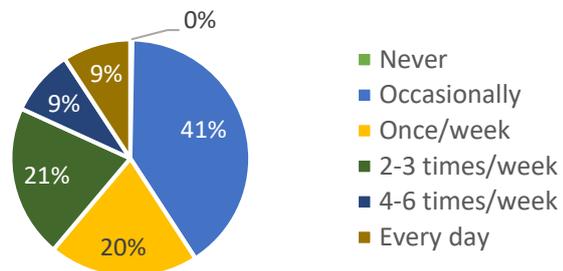
Only 1% of respondents:

- Hoon on the beach twice a week or more.
- Believe they should be able to do what they want on the beaches as long as they think they are not endangering others.
- These respondents also said it is important to look out for and respect one another in a space shared by pedestrians and vehicles.

## Detailed Survey Results

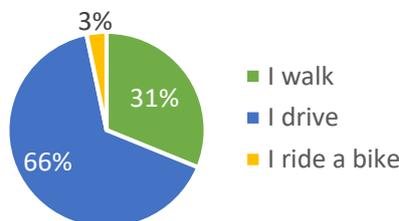
The majority of respondents, 59%, visit Point Moore beaches at least once a week.

| OPTION         | RESPONSES |
|----------------|-----------|
| Never          | 2         |
| Occasionally   | 291       |
| Once/week      | 145       |
| 2-3 times/week | 149       |
| 4-6 times/week | 64        |
| Every day      | 66        |



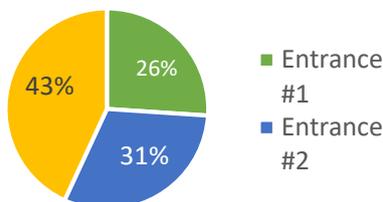
The majority of respondents, 66%, drive to the beach.

| OPTION        | RESPONSES |
|---------------|-----------|
| I walk        | 258       |
| I drive       | 542       |
| I ride a bike | 27        |



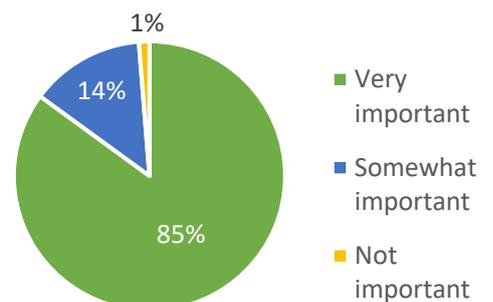
Drivers most preferred entrance track #3 to access the beach.

| OPTION      | RESPONSES |
|-------------|-----------|
| Entrance #1 | 148       |
| Entrance #2 | 175       |
| Entrance #3 | 245       |

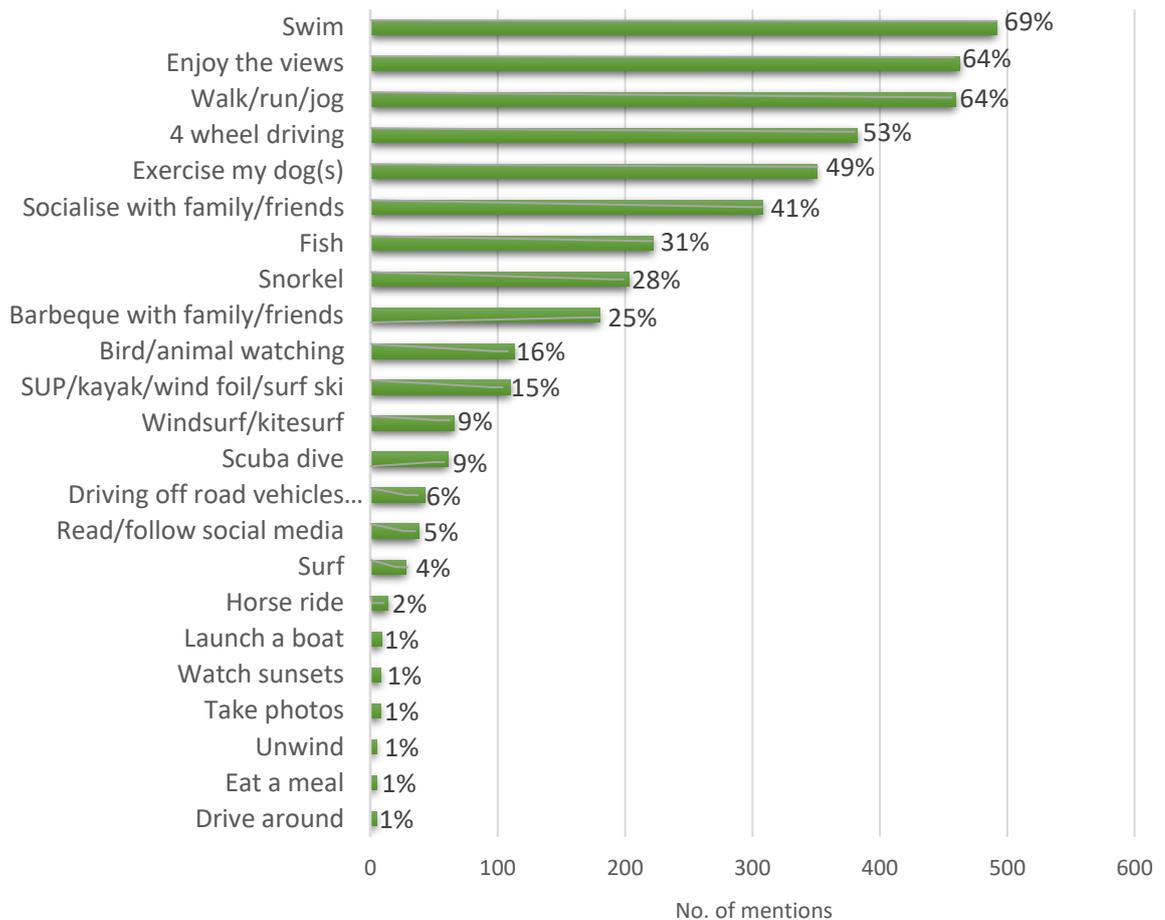


Nearly all respondents, 99%, said users need to respect one another and be mindful of what they do in this shared space.

| OPTION   | RESPONSES |
|--|-----------|
| <b>Very important:</b> We need to really look out for and respect one another in a space shared by pedestrians and vehicles. | 610       |
| <b>Somewhat important:</b> The beach is just another public open space and people need to be mindful of what they do.        | 98        |
| <b>Not important:</b> As long as I think I'm not endangering others I should be able to do what I want.                      | 9         |

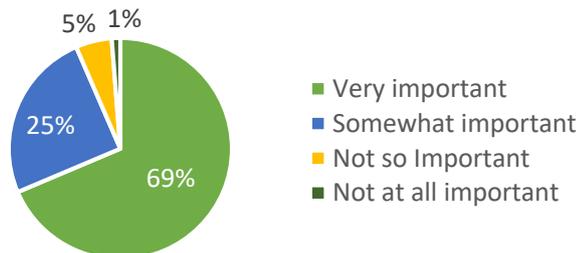


The majority of respondents swim, enjoy the views, walk/run/jog or go 4 wheel driving while at the beach.



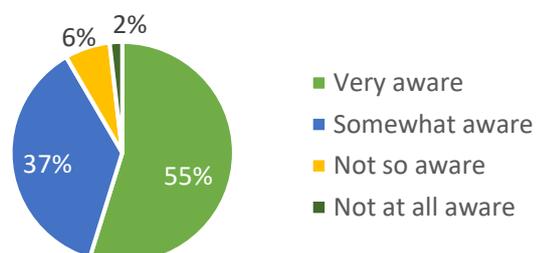
Following an example of how seasonal track closures are used to protect to dune systems from drivers creating new tracks due to the beach being too narrow to drive on, the vast majority of respondents, 94%, said protecting the dune system at Point Moore was very to somewhat important.

| OPTION               | RESPONSES |
|----------------------|-----------|
| Very important       | 498       |
| Somewhat important   | 181       |
| Not so Important     | 38        |
| Not at all important | 9         |



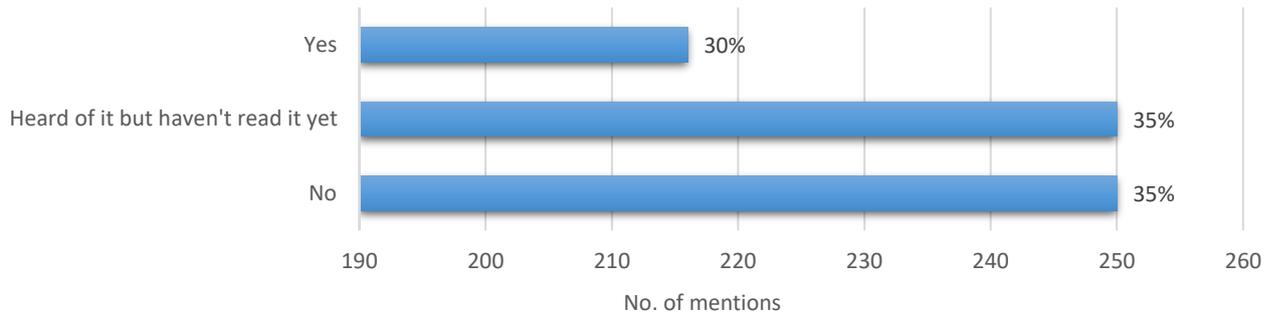
The vast majority of respondents, 92%, are aware of the changes Point Moore beaches have undergone in the past two years.

| OPTION           | RESPONSES |
|------------------|-----------|
| Very aware       | 392       |
| Somewhat aware   | 264       |
| Not so aware     | 47        |
| Not at all aware | 13        |

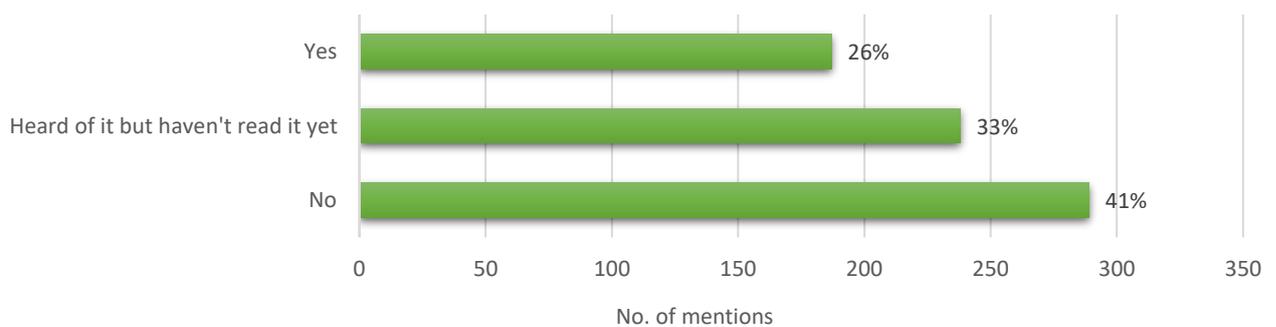


In regard to knowledge and understanding of coastal erosion and inundation and the options to adapt to them, less than one third of respondents said they have read the Point Moore Inundation and Coastal Processes Study and only a quarter of respondents said they have read the Geraldton Coastal Hazard Risk Management and Adaptation Planning Report.

### Point Moore Inundation and Coastal Processes Study

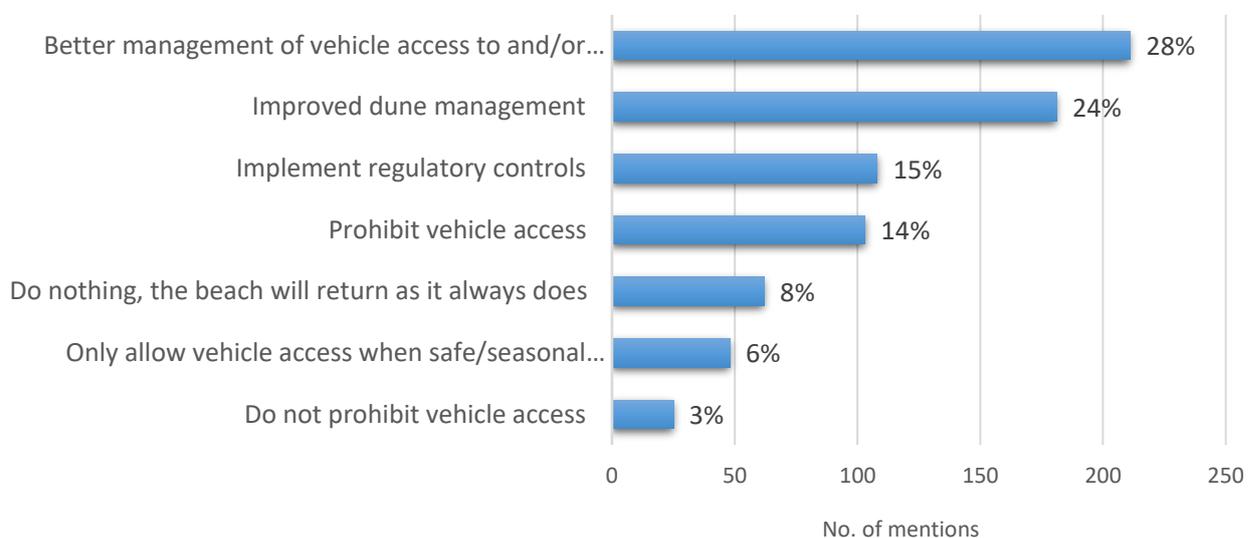


### Geraldton CHRMAP Report



Nearly 750 comments/ideas regarding Point Moore beaches and the protection and preservation of the dunes were submitted. These comments/ideas have been themed into the following seven categories. The full list of comments/ideas is located in APPENDIX 1 on page 8.

### Themed Comments/Ideas Regarding Point Moore Beaches



## Themed Category Details

### Better management of vehicle access to and/or driving on beach including:

- Define 4WD tracks in dunes with fences/bollards
- Education/signage (safe driving, the environment, other users)
- Create pedestrian only areas
- Only one access track or one-way only between two access tracks
- Develop carparks closer to the beach
- Defined equipment launch zone/beach carpark area
- Install gates at beginning of access tracks
- Install a kite launch post

### Improved dune management including:

- Install fencing/bollards
- Revegetate/rehabilitate dunes with seaweed or hard materials
- Install coastal protection works/sand nourishment
- Formalise walk trails/install boardwalks
- Make it a dogs on leads area
- Monitor wildlife in the area

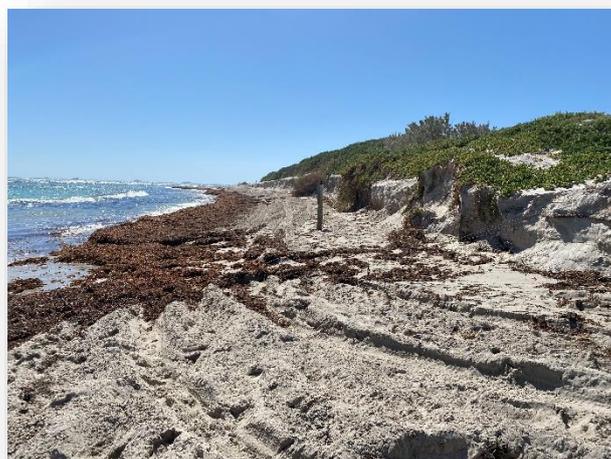
### Implement regulatory controls including:

- Patrol/issue fines/develop report hotline
- Introduce a speed limit
- Create vehicle prohibited areas
- Install CCTV to monitor the area
- Issue permits/passes for vehicles
- Stop sand mining at Southgate dunes

## Additional Written Feedback

The City also received three written submissions, separate to the survey. This feedback is not included in the survey results but has been included in this report in Appendix 2: Additional Written Feedback on page 23.

**Photo:** Point Moore September 2021.



## APPENDICES

### APPENDIX 1: Comments/ideas to help protect and preserve the Point Moore beaches

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| Patrols, cameras, barriers to dunes. Leave open where ever possible. Education and pamphlets, etc... Close beach only in extreme conditions.   |
| A bad year with very bad erosion, but need 4WD to stay off the dunes. (signs say dunes under protection) They are pushing the sand into the sea.   |
| Stop driving on beach keep rehabilitating the dunes.   |
| Thursday night seems to be a party night and the damage left behind is significant.  |
| No vehicles, substantial rock blocks 2X sand bag groynes south of Marine Terrace, testing efficacy.  |
| Sea walls, boat ramp, keep 4WDS off the beach. It's the dog beach, not the hoon beach.   |
| Vehicles should not be on the beach. Children should be able to play on the beach safely. Stop the vehicles from coming on the beach.  |
| Establish prohibited areas. More patrols as people exercise their dogs while driving down the beach. People should lower tyre pressure, sand crabs are gone. Education about responsibilities and for people to be more mindful of each other.   |
| <ol style="list-style-type: none"> <li>1. Close the access roads at the beach end and put in gravel car parks.</li> <li>2. Close the access roads and open the beach for vehicle access from Pages Beach to the Fisherman's Wharf for those that want to drive on the beach.</li> <li>3. Install lockable gates at access road entries so they can be open sometimes but not when the erosion is bad or at night when the crabs come out and visibility is poor. When I walk along the beach at night I am sometimes feel unsafe as 4WD fishtail past and am constantly blinded by spotlights.</li> <li>4. The fences keeping people out of the dunes have washed away. Put them back but higher up. People are 4wd-ing right up into the dunes</li> </ol> |
| Boulders alongside the dunes and ban 4W drivers.   |
| Maybe close the beach to 4WD access for 18 months to see if it makes a difference, close off the middle track at the beach end so the road can be used for parking.  |
| Stop cars from driving on the beach. Put in a post for kite launching at the south end of the beach.   |
| Stop cars going on the sand dunes and beach.   |
| Close up the entrance ways to the beaches to stop people driving through.  |
| Monitoring, revegetation.  |
| Block them off to vehicles.  |
| Less burnouts, less drinking I guess. Please we really need to respect be courteous. Cheers again.   |
| I believe vehicle access should be restricted. More info about importance of dunes to limit other excess use that damage plants that are growing.  |
| I have lived in Geraldton for 70 years and this beaches and dunes have gone and returned many times. Just leave nature alone.  |
| Close off all tracks giving direct access to the beaches and allow vehicle access to Pages Beach. Create a carpark at the end of the explosives track so people can walk onto the beach from there for walking and beach activities.   |
| It changes all the time, the beach will come back.   |
| Stop vehicles driving on the beach.  |
| The way it is now, is perfect! There's no need to introduce new rules. Weather changes every year, some years' big swells and tide cause for erosion, with not so windy summers to replenish sand cause for erosion not driving on beaches!  |
| Create artificial reef offshore to prevent such strong tides from taking the beach.  |
| Stabilise eroding dune areas with native long grass, fencing, sandbags, and railway sleepers depending on the severity or likely risk threatened sections.   |
| Maybe putting artificial reef, those big bag things closer to vegetation similar to west side of Fisherman's Wharf. Fence off vegetation with signs i.e. pathways and 4 wheel drive access.  |
| Do not allow vehicles.   |
| Protect users who are non-destructive and unable to compete with the current invasion of vehicles, unruly dogs off leashes, feral pests and parked cars. This means ban the above so that swimmers with children, beach games, bird and nature lovers and other non- confrontational and environmentally friendly activities.  |
| Close access by vehicles encouraging people to walk enjoy nature and protect and conserve for the future It could be linked with other organisations as the health department to encourage healthy lifestyle links to nature for improved mental and physical health and protect the amazing biodiversity and natural wonders that reside there Involving local  |

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| community groups and beach users in workshops planting days Involve groups such as four wheel drive in education. School education media campaign.   |
| Erosion in that area in normal and has been happening for all of my 50 years in town. Suggest you resume cottages and restore the dunes systems that were previously there.  |
| Stop cars accessing the beach and make people walk.  |
| I do not believe that Point Moore needs to be protected by banning cars. Mother nature is the key here!  |
| Prohibit vehicle access to the Point Moore beaches and dunes. Only allow dogs on leads on the beach during bird migratory season as the area is an important foraging site for shorebirds, including vulnerable species.   |
| Actually patrol the beach to stop inappropriate use of the beach and folk driving past the signs that indicate 'no vehicles'. Too many people speeding cars, dogs off leash, rubbish left behind. No supervision, no accountability.   |
| Stop sandmining at Southgates!! This sand is blown around to these beaches. Stop trying to make a profit off a natural resource.   |
| More ranger patrols and enforcement  |
| Prevent 4wd access to all beaches  |
| We need to adopt some fencing like what is around at Greys beach to protect the sand movement but that will also stop cars from driving in the dunes. Also maybe only have Track 2 open with an area to park or a turnaround point.  |
| Introduce an annual permit fee for any vehicle (car, quad, motorbike) driven on any vehicle-accessible beach in the CGG shire jurisdiction. Make it a decent fee...e.g., \$75+ Must display a sticker on the vehicle. No discount for tourists - they are often the ones who behave really badly. Introduce and enforce strict local laws for driving behaviour on the beach and access tracks. Relevant to cars, quads, motorbikes. Place signage at beach access entrances that clearly state the requirements for permits and civilised driving behaviour and issue hefty fines for people who ignore the warnings. Accept no excuses for 1st offence. Provide a 'hotline' (or similar) that the general public can call to immediately report bad driver behaviour. I am a daily user of the Separation Point beach strip and witness almost on a daily basis, inconsiderate and dangerous behaviour exhibited by some car drivers, motor bikers and jet skiers. A crackdown on the idiots would be really good. |
| Have manmade structures to help stabilise the dunes to prevent total inundation of Point Moore.  |
| Put the sand back. I've been there 30 years and no problems. Nature is nature. Too much scare mongering the City is worse of that's flooded over the century, Point Moore hasn't.  |
| Could we try to protect the dunes like you have in Greys Bay with rocks, fencing and matting? This is working really well. Do hope something positive can happen as we have worked really hard to secure our leases here with you and past members of the CGG.   |
| Create a 'natural' looking low profile groin out from the very end of the sand spit to trap sand. Thereby recreating the point.  |
| There is nothing you can do to stop the tide rising higher.  |
| Restrict or prohibit vehicle access to the beach area.   |
| Don't touch it. No structures or costal works. Close the beach to vehicles as and when required.   |
| Don't waste money on Point Moore. The current around the point, during a big storm front is too strong. It is a massive tombolo. It will come and go just as the shore line does every year.   |
| Continue to ensure adequate fencing, signage, rehabilitation and erosion works occur on a regular basis and cars are strictly enforced to current vehicular access areas. Regular ranger patrols and fines.  |
| Yes, access to be limited based on conditions, when there is a wide beach allow access, when the beach is thin and eroded close the beach access.  |
| Educational content because it is clear too many people do not grasp beach processes let alone the climate change freight train coming.  |
| Not relevant to this question but the only place I could add a comment to, being able to access Point Moore beach by 4WD is an important part of living in Geraldton. I believe it is important to look after people and the environment, but that doesn't mean I support any move to ban 4WD access to the beaches in Geraldton.  |
| Stop letting people drive down. Here. The young people keep using the beach to do burn outs and the police do nothing. Put cameras up as it is a beach for migrating birds. My dog is not allowed to chase. Birds but young people are allowed to drive on the beach where it says no vehicles allowed n nothing is done. Very pissed off.   |
| These are natural processes but are affected by upstream sand supply. The Point Moore area is a result of processes further south - particularly urban development encroaching on coastal dune systems and impacts on dune reserves like Southgates. This coupled with the effect of the Indian Ocean dipole causing frontal systems to move further north causing more destructive swell from the north west. North west swell and storm surge are particularly destructive as this part of the coast is more exposed to these systems - i.e. pages beach. Additionally the effect of coastal seaweed stacks is significant in reducing erosion during these events. The impact of the extension of the harbour can also not be underestimated. Reduction of outflow from the semi enclosed lagoon system of the offshore reefs at Point Moore means that higher tidal ranges can be expected as the outflow is constricted by harbour extensions   |

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| Installing beach sandbags.  |
| By limiting where people drive and keeping the beach the best kept secret of town.  |
| The main (only) reason I can see for cars to be on the beach is to get kitesurfing, windsurfing, surfing and scuba gear closer to the water. So perhaps just have a single designated launching area where cars can go for these activities. I don't see the need to drive all along the beach.   |
| Same way you did the fore shore. Research and act.  |
| Leave as is. No driving in dunes. Only drive on beach as nature will allow.   |
| Don't be an idiot when driving your off road vehicle, just because it's capable doesn't mean you can do as you please.  |
| Very little damage by cars if not driving close to the dunes. Beaches have been eroding for thousands of years at different rates. I remember as a kid 50 years ago sliding down eroded sections of beach. Don't over react. It's a natural process.  |
| Make the entrance tracks more suitable and smooth for cars so it gets less torn up because of cars struggling and getting bogged.   |
| Stop vehicles driving down the beaches. More vegetation.  |
| Time to take the hard line and ban vehicles from Point Moore, build up the dunes and have community planting days to plant along the dunes making sure to fence off these areas from people and pets. Time to get the community involved. Sometimes you have to take a stand and go the unpopular line to save the area for future generations.   |
| At the end of the day nature will have the most effect of the dunes systems and beach's, which is beyond our control. Having studied environmental sciences, horticulture and geography our best options are to revegetate where major wind erosion has occurred and ensure entry points for both vehicles and walkers are maintained. The dune at Point Moore and virtually inaccessible to vehicles anyway due to the vegetation and fencing that is there currently. I feel of all the beaches in Geraldton, Point Moore is the most family friendly one for a present day out at the beach. It's easily accessible and you don't have to struggle through long boggy tracks to access it. |
| Ban vehicles.   |
| Leave it alone.   |
| It's Erosion you can't change it, why blame vehicles?   |
| 4WD driver awareness that the beaches will be permanently closed if they continue to drive the dune line on high tide.  |
| No, but it's probably time that vehicle access was stopped.   |
| Vegetation is very important to stabilise the dunes. Hooning and excessive speed is not good for the dunes and is dangerous to other users, enforcement is needed, use only existing tracks.  |
| Vegetation is very important to stabilise the dunes. Hooning and excessive speed is not good for the dunes and is dangerous to other users, enforcement is needed, use only existing tracks.  |
| A short term solution as proposed by Cr Sally Elphick to temporarily close the beach to 4WDs to allow it a chance to rehabilitate. 4WD drivers have not been accused of CAUSING erosion, however have been exacerbating it by driving close to eroded dunes speeding up the process. The hundreds of 4WD drivers who, on social media, state they are against the beach closure demonstrates vehicle use of these beaches is oversubscribed. If we don't do something in the short term there will be no beach to fix.  |
| Hire experts and get advice from them.  |
| Parking closer to the northern beach side near track 2.   |
| Beach erosion strategies, isn't there people in the council that research these strategies?   |
| Combat climate change, dune revitalisation, happy to adhere to the 'no cars' rule for the time being.   |
| Protect the dunes but keep beaches open for driving.  |
| Nature always wins....leave it be.  |
| Leave it alone, Mother Nature looks after herself.  |
| Leave the beach open to cars.   |
| Speed limits, stay off dunes signage, planting in dunes.  |
| Control the area where you can drive. Have a specified beach parking area.  |
| Use more dune protection fences like has been used on grass beach. These fences have done a remarkable job over the last few years.   |
| Continuing to fence off the dune system.  |
| If vehicles only use access tracks to the beach, they should be allowed to drive on the beach but if they drive on any vegetated dune areas, they should be banned. Signs should be erected at each access track to make drivers aware of these conditions, and a speed limit introduced for the safety of swimmers and dog walkers. Drivers are then well informed and then the beach monitored to see drivers are complying.  |
| If vehicles only use access tracks to the beach, they should be allowed to drive on the beach but if they drive on any vegetated dune areas, they should be banned. Signs should be erected at each access track to make drivers aware of   |

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| these conditions, and a speed limit introduced for the safety of swimmers and dog walkers. Drivers are then well informed and then the beach monitored to see drivers are complying.  |
| Most people respect the beach...it's the SMALL MINORITY THAT DONT..... SO STOP THEM ALL.  |
| Open and closed seasonal access and closed the beach in poor weather to vehicles.   |
| No more building on the water in town.  |
| Not sure but some people use it as a personal race track and it's not on as a lot of people do the right thing.   |
| Signage and fines, no motorised vehicles.   |
| Have a ranger who can actually fine people for stupid behaviour like driving on vegetation, hooning, speeding, littering and other bad acts of vandalism.   |
| Other than stopping mother nature, no.  |
| Plan for managed retreat of the existing shoreline when necessary.  |
| Install boom gates at the vehicle access tracks and lock them when erosion makes it too dangerous to drive on the beach. Some members of the community are too stupid to understand they need to be protected from their own poor decision making.  |
| Maybe have a dob in a hoon webpage or the like and closing the beach to all vehicles when severe erosion has occurred to allow regeneration.  |
| Don't allow any vehicles driving on the Beaches, fence bird nesting areas do protect seabirds from dogs, revegetation programs to stabilise dunes.  |
| Better education.   |
| Create close to the beach car parks and restrict vehicle access. Birds, pedestrians and beauty of the beaches all benefit.  |
| Actually patrol the beach and stop people driving past the signed areas. They don't care as there are no consequences. Never see a ranger there, never seen anybody talked to about driving where they shouldn't. The signs don't stop people.  |
| Stop cars and motorbikes from driving on the beach. Put carparks and paths in so people walk. Doing so will make it safer for families, wildlife and the vegetation will thrive. Close the beaches to cars and motorbikes from Back Beach all the way to north of Drummonds Hall. There's plenty of access for those areas. And there's plenty of other beaches north and south of these areas that people can drive their cars and motorbikes on.  |
| Fence off the dunes properly and actually maintain the fencing.   |
| Revegetation programs.  |
| Blocking entrance road from Pages Beach to Explosives. Also enforce hefty penalties on hooning allow public to report the offenders and increase Ranger activity. Also penalize littering and failure to remove dog poo. Perhaps provide shade shelters etc... and make parking at the end of Explosives track. We walk from the wharf beach to Point Moore often and it has become increasingly difficult and dangerous as a result of hooning. Also large rambunctious dogs off lead can be confronting. Thanks.  |
| Close the beach to 4WD and dogs on leash during shorebird season.   |
| Leave them alone mother nature is in control there is tones off fresh sand on the south side coming around.   |
| Use the science and data available from these significant reports Educating the community is key.   |
| Stop dog owners exercising their dogs by driving fast on the beaches with the dogs running behind vehicle. This action by them puts me and my small dogs at risk of being injured.  |
| Keep it as it is, with dunes fenced off.  |
| Have sectioned off boat/jet ski launching points, create an area for vehicles to stay in so foot traffic can stay safe.   |
| Nothing new vehicles need to be kept off for the time being. But that is to no avail if it isn't policed which doesn't seem to be the case in the year and a half I have lived here.  |
| Nothing new vehicles need to be kept off for the time being. But that is to no avail if it isn't policed which doesn't seem to be the case in the year and a half I have lived here.  |
| As long as people are responsible and don't over speed or spin wheels mother nature will take care of itself as ocean levels rise and fall as in past history.  |
| I think Mother Nature has the biggest impact on the beach erosion. I've lived in Point Moore and have now moved away but I surf out there a lot, it is always after the big storms that the beach erodes. Even where vegetation has been present it gets washed away. Maybe keeping cars off and planting more vegetation will help but unless you can control Mother Nature I think it will always be an issue.  |
| Get vehicles, including off road motorbikes and quadbikes off the beaches. In my experience it is these users who have the least regard for minimising their impacts on the dune systems, coastal vegetation, beaches, seabirds and migratory waders and their habitat. To me, walking a dog using your car is not a legitimate use of the beach and encourages laziness and lack of connection to the beach environment - that you have even included that as a genuine activity is quite unbelievable. To have a genuine go at recovering this coastal area you need to consider, at the very |

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| <p>least, seasonal closures or restrictions on vehicle access to the beach. In doing so, potential seasonal closures should address the breeding/feeding season for migratory species and particularly those threatened species that visit Geraldton beaches to rest, feed and breed. In my view the beaches in this area are almost totally given over to vehicle users and there is almost no appreciation of the actual environmental value (including the role dunes have in protecting the coastal strip) of the coastal environment. It would be great to see the City take the lead in reconnecting the people of Geraldton with the natural values and helping the community appreciate and protect these values rather than taking them for granted.</p> |
| <p>It's controlled by mother nature and also the extensions of the port haven't helped as it cuts of the sand shifting up and down the coast.</p>   |
| <p>Education, i.e. drive on the beach but please keep off the dunes. It's not hard.</p>   |
| <p>Just make a rule that the dunes are a vehicle free area, if needed also people.</p>  |
| <p>Letting people continue to drive its Mother Nature creating the sand to disburse.</p>  |
| <p>The only way I can see it preserved is by stopping the rise of the ocean levels. Which is a bigger problem. The fenced off areas should be protected with fines for causing damage.</p>  |
| <p>Keep vehicles off altogether.</p>  |
| <p>Stop traffic access, provide boardwalk access to beaches, revegetate, increase native vegetation and native fauna habitat, and incorporate engineered coastal protection structures.</p>   |
| <p>Prevent vehicular traffic. Complete revegetation works where required. Educate the public about the issue.</p>   |
| <p>Make the area NO VEHICLES plenty of other areas to take jet skis etc. around Geraldton</p>   |
| <p>It isn't the cars eroding the dunes it's the natural high tides. If you close Point Moore beach to vehicles people will just make worse tracks to get through anyway. Keep the designated tracks open and only have those access points and the dunes will be fine. If you close point Moore beach then a new car park will have to be built and that will ruin the dunes. More signs could be put up so that people who do go to Point Moore that are not locals know the speed limit and know they should let down their tyres etc.</p>  |
| <p>I believe the impact of vehicles is very minimal as the wind and tides changes that often we can't stop it.</p>  |
| <p>I drive on the beach don't even go near the dunes or vegetation which I think is critical.</p>   |
| <p>Stop cars/ bikes on the beach.</p>   |
| <p>Stop council taking the sand to put down Chapman Road.</p>   |
| <p>As the expert PMICP study says: Cyclonic and storm surges. This year there has been a cyclone, high swell from many storms mixed with high tides. It's NOTHING to do with 4WD.</p>   |
| <p>No driving through the dunes, revegetation.</p>  |
| <p>Stop vehicle access to the beach, or if that isn't possible reduce access to seasonal or to only one area where people can launch their boats.</p>   |
| <p>Keep vehicles off it.</p>  |
| <p>Vehicles access to the beach is completely independent to the coastal erosion process that are occurring are not causing the erosion. Banning them will not prevent erosion. Don't confuse the issues. Please don't let a small number of people who drive too fast on beach result in responsible beach users from having access in their vehicles. Note also that hoons often drive on the many beaches where vehicle access is currently banned. So banning vehicle access would not stop hoons or coastal erosion. It would just stop responsible beach users enjoying the Geraldton lifestyle.</p>  |
| <p>I think people need to treat the beaches with respect - and most do. Education of the public. And No I haven't read the studies, but I also haven't heard of them - didn't know they existed, but I want to be informed and help. Maybe you should link them before asking people to complete the survey and not give an option as - 'Will Read'</p>   |
| <p>Remove the cars, encourage natural biodiversity on the dune systems. Allow them to stabilise. ❤️</p>   |
| <p>Plants and physical barriers to protect plants</p>   |
| <p>Nature can't be controlled...cover dunes in organic matter to look after plants. Have designate track to beach.</p>  |
| <p>I haven't read any of the reports but just being a local that uses the beach a lot and 6-2 years ago I was down there almost every day weather permitting and I would think the slow reduction in sand is because south gates is getting dug out which I always assumed moves sand north with the southerly winds and current to keep the beaches north of south gates topped up, also it's really only been bad erosion this year and I remember 20 odd years ago living on Tarcoola beach it eroded away into a massive drop off one winter and it wasn't a big deal back then over the next few years a new dune formed in front, so maybe it's just a thing that happens sometime, I now I'm uneducated on the subject that's just my 2 cents.</p>         |
| <p>Sacrifice a certain percentage of the dunes and put in hard barricade or concrete walls. Once the beach is gone it's gone for good but you can still save the point, the beach and dunes towards the homes is not eroding because of people driving on the beach. Put a jetty out so people will always be able to access fishing and tourist activities.</p>  |
| <p>Ban guys with a mullet haircuts, noisy jacked up 4x4s with snorkels, 50psi wheel pressure in 2 wheel drive driving in circles. These people are the only issue. #Advertise a "Dob in a Hoon hot line" as you enter the beach. #Put a speed</p>   |

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| limit signs on the beach of 20klms/hour and police it. It is a shared public area with families and doggies everywhere some days!  |
| Maintain protection of existing dune life through fencing or suitable exclusions that do not restrict those using the intertidal zones. More enforcement of penalties of those who do hoon, supporting those who use it correctly. Create a process for reporting hoons, regular users don't appreciate hoons any more than those who walk on the beach.   |
| Absolutely stop vehicles on the beach. This vehicle use witnesses every week means there has been no chance for dune stabilisation. High storm waters take away fencing regularly and vehicles are immediately into the dunes. It only takes one run with a vehicle tyre to destroy any establishing flora. This is too important. Please shut all access tracks to this beach. Acquire motorbike riders somewhere to go....a property and track in a paddock out of town. Serious 4WD folks will have some good ideas like "tend the tracks" at Jurien and the track at Coolcalalaya. Beaches are habitat that is dying. Also, some people when asked at the beach say that they will not leave their car in the carpark as it will be smashed into. This has happened around Gero beaches many times. There needs to be a realistic police presence at beach carparks, or cameras. We can do so much better for our town. Traditionally, how old are wheeled vehicles? Here? Beach tradition - that's bullshit. Beach bullies is all. So the south side of the road around Pt Moore lighthouse will be closed due to normal erosion processes for this coast and we can have a good size well looked after carpark, and a protected beach fit for youngsters of all kinds. |
| Close the beach to vehicles, support the dunes.  |
| Ensure vehicles don't drive on vegetated areas and if this can't be enforced ban vehicles all together.  |
| Reduce traffic to foot traffic only with clear guided walk paths. This will help re-establish dune vegetation and minimise loss of flora and fauna.  |
| Consider coastal/beach development further around town which impacts current changes.  |
| Mother nature will do her thing, winter storms and tides cut into dunes, spring/summer tides reclaim them, been doing it since And before I arrived and will continue to do so. Leave it to be her she knows way more than you educated XXXXX will ever.   |
| Sand replenishment is necessary but very short term. Investigate the use of discarded clothing wrapped up in court or sand Matt blanket placed at the foot of the dunes and then watered in sand to act as a wad to hold the sand and give the fibrous roots of coast replanting a chance to hold the sand in place. Concept on paper only so far. In my observations and in comments to this discussion I note that Not a single 4x4 has entered the southern coast from the light house to South gates except for a small section at Separation Point and the erosion that is happening there is far more destructive than the point more strip of concern.  |
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| Enforce no cars when beach narrow.   |
| Don't let cars drive on the beach. Create well defined walking pathways with good fencing (the fencing in previous years has all completely fallen down. Plant out with coastal plants in and around the dunes again.  |
| Stop mining Southgates. Perhaps limit amount of vehicles? Stop changing Gero shorelines. Add shore breaks. Investigate all avenues. PLEASE DO SOMETHING!! I can't even walk down to my Back Beach any more as it is too steep for my handicapped legs. So, so, sad. Point Moore is one place I can access to enjoy the beach. For how much longer?   |
| Build a Jetty that people can walk on and dive from.   |
| We can help protect the beach and dunes by •limiting vehicle access on the beaches •suitable fencing around the dunes to deter access by foot or vehicle •more signage and information boards •blocking off the entrance next to Pages •no driving between beaches •closing vehicle access to beaches during the winter months and when there has been unusually high tides or storm surges.   |
| Stop taking sand from the sand dunes.  |
| Not that I approve of this but the only reason people drive on dunes is the beach tracks access gets blocked off. Better of just putting signs waring the dangers. Every winter the higher tides bigger storm swells reduce the beach size this apparent everywhere along the coast. Summer time the beach returns with lower tides and southerly swell pushing the sand back onto the beach so allowing 4x4 driving is not an issue at point more. Keep it open.  |
| Accept nature for what it is.  |
| Close the beach access for cars, especially during end of autumn-spring.   |
| Plant lots of pigface etc. in the dunes and stop people walking in the dunes until revitalized. As for the beach I think we stuff the way the tides go by mucking around with all the marina and groins. We took away the natural bays.  |
| More information signs with importance of not taking vehicles in the dunes and how to carefully drive on the beach - i.e. staying at slow speeds. More fencing to stop vehicles driving up near the vegetation.  |

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| Have extra plants in no go areas.  |
| Close the beaches to 4wd access. Build more dune reinforcement fencing.  |
| Shut off access o vehicles in weather conditions that will potentially erode the beach.  |
| Close the northern entrance and leave the remaining 2 open for vehicles.   |
| Keep vehicles off them.  |
| Turn the gravel tracks into car parks at the beach but don't let people drive on the beaches.  |
| Build a proper retaining wall not just dumping rocks on the beach like in front of dean street. Install it properly dig footings in and make stairs for people wanting to access by foot. But would need to be done in summer when the tides are lower and that would mean cutting access to it but it would be for the short term. Then if that didn't work over a 2 year period say it gets washed away from ocean tides then yes i would cut all access to the beach.   |
| Yes Keep vehicles out of dune system, and out of areas where they are not supposed to be.  |
| Beach passes- if we want to drive on the beach we need yearly access passes like how national parks do. That way with the money it can go towards helping maintain the beaches we have around.   |
| Signage to inform drivers to keep vehicle away from water's edge unless launching boats. Maintain the gravel at access point 2, fencing to stop people walking on vegetation.  |
| Agree that vehicles must not drive on the beaches for a period of time to allow regeneration and give CGG the opportunity to rebuild the dunes.  |
| I actually believe that this is a really good idea for many reasons, and would be a positive step towards the health and safety of the residents, the many tourists that visit the light house and beaches, the endangered shorebirds that use the intertidal zone as a feeding ground, and all the macro invertebrates that call these beaches their home. Many wildlife species rely on the intertidal zone for food. Science has shown that vehicles exacerbate erosion, acidification, the spread of invasive species, climate change and increase fluctuations in water levels. The Australian Government has a bilateral Migratory Bird Conservation Protection Agreement with other nations to care for and to ensure the Survival of these habitats, so by banning vehicles on the beach Council should be congratulated for showing the world that they care for the environment by supporting the Protection Agreement. From personal experience, I have nearly been struck by vehicles several times, and witnessed a hoon on the beach almost collide with 2 tourists who were sitting on the beach watching the sunset. I do not want to be constantly on edge when walking the beach. From a safety point of view it is not a matter of if, it is a matter of when someone is hit by a car, and a thorough risk assessment would show that the risk is extreme, and too high to take. After all the continual complaints that council receive about vehicles on the beach Council could likely be accountable. One day last January there were 46 vehicles parked on the beach directly in front of the car park between the lighthouse and the driveway onto the beach closest to the light house - imagine my surprise to find the car park only had 5 cars parked in it. Leaving ample room for those cars that were on the beach. Whilst it was a busy day on the beach it is not uncommon on hot days to have so many cars. Unfortunately this almost makes council's infrastructure of the car park redundant. This decision is not about taking away human rights, but rather a decision to protect this special environment and ensuring peoples safety. |
| Ban the use of off road vehicles and motorcycles in the dunes. With substantial fines for offenders. These people will have what we have to enjoy taken from us.   |
| Stop the driving around that area, a better car park to be created to enable vehicles to park close to Explosives as surfers use that area.  |
| Designated tracks.   |
| No Vehicles unfortunately.   |
| Can't change mother nature!  |
| I don't know who wrote this survey but I can't see anyone owning up to "Hooning". I would have liked to have selected the playground as an activity but maybe I misunderstood what is the area of Point Moore and the playground/park area is.   |
| I believe that only closing the beach seasonally is probably important but also putting up a better fencing system around the dunes which would last but also be eco-friendly would be great to keep people of the dunes and education on why these dunes are so significant whether that be signs or playing something over the local radio just to make people aware of why there so important would probably stop people from driving on dunes when the tracks are narrow rather than stopping access completely, the community probably won't appreciate not using the beautiful beach.  |
| I believe changes to Point Moore beaches and dunes are caused by natural weather events, and the current 4wd access has a low impact on them. Keeping dunes roped off to 4WD and continuing the status quo will work best I believe.   |
| Educate the public.  |
| No cars.   |
| As long as vehicles don't drive in dunes, they won't be affected. The beach is affected by the ocean movement and wind.  |

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| Stop 4WD access between entrances 1 and 2. Stop 4WD use south of lighthouse where sign used to be. Only allow 4WD access between entrance 2 and sign south of lighthouse. This still leave plenty of beach for recreational use.   |
| Quad bike mounted ranger, to stop the hoons.   |
| Speed signs when entering beach also putting back up the fence to keep people and drivers off the dunes. Also, stop the taking of sand from the Point Moore area.  |
| Fines for driving off tracks and on dunes. As we seen this winter you can't stop nature. The dickheads damage the dunes but it has no significant impact on the coastal erosion of point Moore.  |
| Fencing at base of dunes between high water mark and dunes(fairly expensive option)totally block off entrance 1 and 2 so access is controlled a bit more. A permanent fence/structure to prevent vehicle access to the east of entrance 2.there is plenty of beach to the west and further round which could be left for vehicle use.  |
| Stop mining the sand dunes at Southgates, and stop vehicle access at Point Moore.  |
| Put cameras on the track entrances to record all comings and goings the deterrent won't stop the idiots but it will at least give you a chance to police them.   |
| Stop driving on them. You're wrecking them.  |
| Patrol more often to keep an eye on the young ones doing the wrong thing as I see this often.  |
| Prevent driving on the beach area.   |
| Limit vehicle beach traffic; issue fines to those hooning and causing damage to the dunes and beaches and ban them from any future use.  |
| Let nature take its course, it's done it before and recovered fine.  |
| Rock groins?   |
| Keep traffic off the beach and dogs away from wildlife.  |
| Educate people at their level use entertain mediums to get your message on coastal erosion across maybe enlist Euphorium? They're pretty funny.  |
| Don't blame people driving on the beach for causing erosion. You can't tell me this isn't all caused by the Port.  |
| You can't protect the beach - the ocean does most of the damage. Put in more designated walking access so people don't walk through the dunes.   |
| Artificial reef.   |
| Rebuilding eroded areas after significant swells and surge.  |
| Further studies required as to why the erosion is happening, don't quite believe it's due to vehicle access.   |
| Install some shade structures on the beaches. Temporary vehicle access closure depending on amount of beach i.e. between access points #1 and #2. If closing the beaches make car parks closer to the beach and have little /short walk trails to the beach and shade shelters. We really appreciate being able to drive onto the beach, it's convenient for the oldies and those with small children.                             |
| Most beachgoers don't traverse the dunes. Limit dune access, as for the beaches they have been, and will change from wave action and storm impact.   |
| Happy not to drive on them when they are in need of repair, can always go elsewhere. Did happily up my rates if you wanted to dump some Southgates sand on point Moore to fasten the recovery up!!!  |
| Vehicles are not needed to be driven on beaches to enjoy them. Close to vehicles.  |
| No way of protecting natural occurrences, such as high tides.  |
| I believe for our generations to come we need to be able to use our beaches. More needs to be done to educate the public regarding what impact they're causing.  |
| It's important to allow driving on the beach as it's such an amazing fun beautiful experience and people come from Perth just to do so.  |
| Sadly, I think the time has come to get vehicles off the beach. Due to the increasing population and number of 4 wheel drive owners the beach has become a car park, a race track, and a bit of a free for all. It is no longer safe and cars drive beyond appropriate access points, particularly at the Southern end, damaging dune vegetation leading to further erosion. We are no longer the small coastal town we once were. |
| No, however I do know that 4WDs aren't the cause of the erosion at point Moore. The ocean is. Driving on sand doesn't make it disappear.   |
| Monitor usage especially at busy times.  |
| Educating people, proper signage.  |
| Yes, by reducing people and vehicles going on the dunes.   |
| Let's just start with banning vehicles. Too many of Those that use it go far too fast. The older crew that like to sit and watch the sunset in their car/have a fish are not the problem.  |
| Why is point Moore breaches different to Drummond's Cove that breach also has the same issues, yet I have never seen a survey carried out for Drummond's beaches?  |
| You can't, its global warming, it's going to erode no matter what you do.  |

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| Rock groins.  |
| I don't see anyone destroying dunes. But a lot of national parks have cameras that activate with motion. If there is a complaint, footage can be reviewed.  |
| Limit vehicle access, it's not hard to walk onto the beach!   |
| No, but they are just going to get washed away anyway   |
| Closing off most access roads to cars. People can launch dinghies and jet skis at Pages. Nothing against people that drive on beaches, but public safety has become a real risk now that the beach is so narrow. Have witnessed and heard of many close calls around bends and with dogs.   |
| I think it's inevitable that it will be inappropriate to drive vehicles on the beach at some stage. Therefore we may as well remove them now to give the dune system the best chance of becoming resilient and healthy sooner rather than later. This will in turn give the ecosystem and infrastructure in the area the most protection from coastal erosion and inundation possible.  |
| Keep vehicles off the beach is the best solution and close all tracks but as a compromise close the pages and osprey tracks and manage explosives access.   |
| We used to park the car on the beach when the kids were younger. Lately the beach is very narrow and I wouldn't drive on it. Maybe seasonally controlling access would be a good idea. I've seen people drive dangerously on the narrow beach this winter. Managing is a good idea. Working to limit erosion is a good idea.  |
| Stop cars and motorbikes/quads from driving on the beach.   |
| Stop vehicles driving along the beach at Point Moore.   |
| Stop building so many groynes elsewhere.  |
| I am so tired of contacting the CGG, every week, about people tearing up the beach, ignoring signs, taking down signs and totally disrespecting this fragile part of the coast. It endangers everyone that walks on this beach. There are people in our community that no longer feel safe walking on the beach because of speeding cars with abusive, aggressive drivers. There are not enough rangers to enforce any rules whatsoever. The beach needs to be closed. All the studies Australian and worldwide studies show the impact of vehicles on the beach. Why are we ignoring these and contributing to the destruction of a unique and fragile environment. Who is going to make a stand and show some common sense and care for the beach and for the residents of Geraldton who are not safe using the beach.  |
| Move the wharf to Oakajee and get rid of those rock groynes.  |
| Ban vehicles altogether it is not necessary for them to have access to any beach.   |
| We need to STOP cars, make people more aware of what is going on so we can all work together to save the beach and the animals that live on the beach, including seals. I have nearly been run over lots of times walking my dog. I have had men in utes abusing me and my mum while we are walking our dog. Our dog was nearly hit by a car. We ring the CGG all the time but nobody ever does anything? I am only 13 and I desperately want to save this beach for the future.  |
| Pretty hard to stop mother nature.  |
| We need to permanently close the beaches. Current reputable studies show that while vehicles may not directly cause erosion, the tracks stop the flow of sand that regenerates the dunes. Our dunes are at great risk. People and animals are at risk from people driving recklessly. Our ghost crab and bivalve population has been decimated -affecting the whole ecosystem of the beach. There is current research to support all of this but nobody is paying any attention. We have plenty of carparks and pedestrian access to the beach, boat ramps in town. There is NO need for cars on the beach. Who is culpable for the damage to the environment when the information is out there about the risks to people and the destruction of the environment? Is the CGG or the Government going to take responsibility? They all have the studies/knowledge to show what needs to be done and they are ignoring it and allowing people to hoon on the beach. |
| Speed limits and patrolling. I don't support banning vehicles because that's what makes Geraldton unique. I don't believe that vehicles have as much of an impact as storm surges and climate change in general.  |
| Keep people off the dunes. It's mainly storm surge this year making the beach look bad, it should come good. I don't think it is helping all the beaches that the Southgates sand dunes are continuing to be allowed to be decimated. That's the biggest problem for our beaches.   |
| Designated driveways for beach access.  |
| Restrict vehicle access OR have proper monitoring/access barriers in place.   |
| We haven't been watching it long enough to really know.   |
| Stop stripping sand from Southgates.  |
| Even though I have driven onto the beach, I would be happy for it to be stopped for the good old the environment.   |
| No... it's just too topical...all I know is you don't see many vehicles on any beaches that are highly frequented... maybe we need to promote Point Moore beaches in view of what they are... stunning pieces of real estate with all of nature's friends on hand (Eagles, seals, dolphins). Surely you don't put vehicles as an inclusion with that sales pitch.   |

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| Beaches are for people to enjoy without the fear of being run day by motor bikes or cars. My dog will chase cars and bikes if they are on the beach.   |
| Keep cars off the beach. Revegetating degraded dunes.  |
| Keep vehicles off the beach and dunes.   |
| I suggest more ranger presence during busier times.  |
| Any idea that driving on the beach in particular has in some way damaged Point Moore in particular the west side of Point Moore is completely incorrect. We have just been on the receiving end of a one in 10 year winter where we have had much higher swells and tides than usual and little south wind to replenish the point from which it's fed from is Southgates. Other areas of the Point Moore area are in mint condition compared to the past. Once summer has arrived and we have 20 knot southerlies for about 3 months straight and all that sand gets blown over from Southgates that point will be replenished and it will be happy days. I lived in Point Moore literally my whole life. An Edith Cowan university professor clearly stated that driving on the beach has no serious negative effects on the beach. Keeping people out of the dunes however needs to continue to happen as it has been for the last 10 or so years. I've never seen those dunes higher despite the water coming closer than usual. Keep the beaches open and the dunes closed as that's the last line of defence. If the natural coastline wasn't disrupted by about 20 groins, breakwaters, a wharf and reclaimed land this probably wouldn't be an issue. Cheers guys |
| It happens, get over it, the sand will be brought back in again by the waves. Maybe. All due to the previous dredging. Don't take away or try and control everyone.  |
| Leave it alone, it goes and comes and goes. It depends on the type of winter and summer we have.   |
| Just let nature take its course, no matter what we do, the ocean will always do as it pleases.   |
| This happens routinely and has been caused by the changes the council has made to the sea front from St George's Beach etc. you cannot change nature the ocean will always find her way and that cannot be changed and it's about time your planners woke up to this fact.   |
| Reduce the number of beach access points for vehicles. Put designated walkways in at the south of the point. Please continue to allow vehicle access.  |
| Take vehicles off the beaches.   |
| The harbour channel shouldn't have been dredged!   |
| Keep the dunes fenced off as they have been in the past to prevent vehicles driving too close or in the dunes. Maintain these fences and allow cars as always. It is high storm surge and tide that causes the erosion at the foot of the dunes at certain times of the year. I don't think the cars make any difference if driving on the beach only. Possibly close the beach for the few months susceptible to storm surge to prevent cars driving closer to the dunes during the wash out periods.   |
| No, all beaches move and go through changes, stopping the vehicles will have no impact on water erosion.   |
| Leave it alone and let nature take its course.   |
| Stop taking sand away to the other beaches and dump it at the light house instead.   |
| Restrict dune access to promote vegetation.  |
| Let nature do its thing, dunes come and go. The sand will come back.   |
| It's the waves, wind, weather, high tides etc. that change the beach and dunes. The sands shift constantly and vehicles on the beach don't lead to erosion or damage of the beach, the changes to the dune system is natural and has nothing to do with vehicles.  |
| Stop mining the dunes at Southgates and stop altering the coastline to suit industry needs.  |
| No vehicles allowed to drive on the beach.   |
| No cars.   |
| Introduce speed limit, remove the groynes and move the port. I know last two options won't be supported as too much BIG money involved.  |
| I wish i did but kicking people off it isn't a good thing. It needs to be enjoyed while it's still here.   |
| I wish i did but kicking people off it isn't a good thing. It needs to be enjoyed while it's still here.   |
| As you are aware the recent extensive erosion around point more was not done from a hand full vehicles enjoying a drive along the beach, sea levels have changed though out history so nothing will stop that, as far as I've seen on many occasions going to point more I have never once seen a vehicle driving in already fenced off areas.   |
| Teach people how to 4WD properly before allowing them on the beach. Stop the hoons. Beaches erode and move it's a part of the life of the land. Just allow it to happen.   |
| Provide an area where we can enjoy the views without 4wding, such as park with picnic area with shade and playground for kids. Something similar to medallions beach.  |
| Plant more flora to hold sand dunes.   |
| No using sand from out of state to replenish no cars on beach.   |
| Have a climate change plan.  |

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| Revetment and stop people walking and driving and plant natives.   |
| Better designs of sand/wind blocks other than some net on a star picket held with zip ties.  |
| Simply the implementation of beach permits - this means all vehicle who wish to access must pay and understand the requirements and rules to not only be safe but protect the environment they are using.  |
| Stop the 4x4 driving all over it, patrol it better with rangers and give actual consequences to those breaking the rules. Provide better bin access for rubbish. Have an actual boat ramp for those taking and launching their boats there.  |
| Better policing of use via 4wd. Maybe block of some areas to assist in the erosion that occurred mostly from weather not 4wd usage. Otherwise I'd just go to Glennies if u stop 4wd.   |
| Enforce the no access from Point Moore to Pages Beach.....seem to get a lot of hoons along that section even though it is closed to vehicles.  |
| Stop the vehicles.   |
| No vehicles on the beach. They ruining this beautiful beach and putting the people who are walking on the beach at serious risk. I have witnessed these near misses several times.   |
| Leave the beach alone. The city have not been successful in any of its interference into the ebb and flow of nature and her tides.   |
| You won't stop nature, it can do more damage in a night of storms than vehicles will fro in a seaside.   |
| Stop land reclamation as the ocean has a natural current and adding land fill to areas that never had land before.   |
| Permit for access. Revoke permit for hoons and wrongdoers.   |
| I don't think there's a lot to be done unless you move the port. It's not vehicles causing the damage.   |
| I lived in a beach cottage 50 years ago at point Moore the coastal erosion follows a time related and swell tide related trend. The area south of the lighthouse has lost beach and the area north appears to be gaining beach. I personally have never seen cars access that area north or if so not frequently or in great numbers, so how are vehicles impacting the beach area. Of more concern is ongoing infrastructure which causes more problems. This afternoon it was lovely to see families with little children and their cars parked at the beach |
| See what happens in summer. Educate misbehaving drivers.   |
| With the amount of natural erosion that happens on that beach, I don't think there's a lot we can do to prevent this from happening.   |
| Can't help natural coastal erosion. Cars are driving on the beach not dunes.   |
| Keep vehicles out.   |
| Keeping a closer eye on hoons on the beach that rip up the beach and dunes.  |
| Use the tracks that are already there but ban all traffic (bikes, four wheel drives etc.) from the dunes. Unfortunately too many people use the dunes and they do damage beyond repair this should be stopped. Build either concrete reefs or used tyre reefs to break up the water movement along the total beach area. Get the experts in and work with the government who are at the moment trying to draw plans up to stop erosion on other beaches. More input you get the better chance of success.  |
| Better/more signage and education, fines for those not adhering to regulations. More flora/fauna educational signage, educational walks.   |
| I think a ban on vehicles for a period would help to rehabilitate the area.  |
| By being a responsible member of society and taking a responsibility of our own actions. We don't need any more rules and regulations imposed by all the Freemasons in the Council. Human race goes as far as 400,000 years and planet goes millions of years' back, what in a right mind you think in your 50 years of adulthood that you are more powerful than a nature itself. More and more restrictions isn't the way number 18. Your time is coming to an end 33. 151 will win. Constitution is the only Rightful Law.                                  |
| Mass tree/ shrub plantings, netting and seaweed to stabilise the dunes whilst trees are growing.   |
| Stop vehicles driving on the beach we don't need 3 access roads to the beach.  |
| Banning vehicles is not going to affect the beaches and dunes from the slowly rising water.  |
| Stop changing the shape of the coast line then the beaches will be fine.   |
| No but limiting vehicle access is a start.   |
| Stop vehicle and motor bike access to beach. There are tracks that are accessible for pedestrians.   |
| It's Mother Nature's doings. Not driving along the beaches. That do the damage.  |
| Keep people from driving there.  |
| No cars driving on the beach.  |
| Don't pour sand on it.   |
| Fence off the dune part securely and leave the entire beach access available for everyone, including dogs and cars.  |
| Dunes are there naturally for a reason, revitalize and only allow access for people that respect the area! Maybe more ranger activity and information posted at each entrance! I.e. let tyres down to avoid chopping up tracks- maximum speed limit on beach 10kmh maybe?  |

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| A lot of our problems are weather related, 4x4 do play a part but you can't control water and weather.   |
| Maybe designated areas for what the community is using for.  |
| Perhaps a car park on the dune. It eroded anyway and put rocks or limestone wall around bottom where sand wind water erosion occurs.   |
| What about doing some sand bag like in Triton or some diversion in the water at the point itself. Bringing back some sand would be awesome, the beach just in front of the lighthouse has got some reef visible everywhere and is tricky to enter and exit the water without hurting your feet.  |
| Close it to vehicles.  |
| Stop vehicle access. Don't worry about the dunes and push all the built up sand back onto the beach. Most of the erosion is from the wind which pushes sand northwards and builds up. The plants grow through and the dune gets higher and moved northward. Get a loader and push it back. Level the area and stabilise then let the plants re grow.   |
| Unless you rock wall it the water will take it back!! Bit like the rest of the foreshore along Chapman Road.   |
| The beach at Point Moore is replenished by sand from Southgates that enters the water due to wind. The sand then travels North to Point Moore in a longitudinal current which is South to North as with our prevailing wind. Southgates needs to be protected and not mined to ensure that natural processes are not disturbed.  |
| Keep vehicles off it.  |
| Keep the beach as is and cars and 4wd to not go onto beaches unless it's necessary.  |
| Take global warming seriously!!!!  |
| Keep existing vegetation and improve it.   |
| Delineate areas available to drive and park which is away from the dunes. If people don't follow the rules fine them or ban them.  |
| Make it an equal space. Families have been driving on that beach for generations. Please don't take that from us.  |
| Block the beach south of entry 3(blue) to vehicles.  |
| Fence off the dunes.   |
| A total ban of vehicles would lead to people creating their own tracks destroying dune life.   |
| Let mother nature do her thing, and stop messing up that system.   |
| Let mother nature do her thing, and stop messing up that system.   |
| Unfortunately we can't fight mother nature.  |
| Let mother nature do her thing, and stop messing up that system.   |
| You can't, it's a cycle. Mother Nature caused it not cars. 10 years it'll be how it was before.  |
| Close the beach to vehicles.   |
| By keeping vehicles off the beaches.   |
| Designated main track if that is required. If erosion too much then periodic pausing vehicle access when beach is not in a sustainable condition.  |
| Mother nature always wins.   |
| I believe a raised limestone wall with a path much like a bike path for pedestrians along the ridge of the dunes and beach to travel safer and allowing the disabled better access to this lovely view without needing to drive full vehicles down onto the beach. Shaded Benches along the path and large chunks of limestone boulders to take the brunt of the tide when it exceeds the level and have the path just high enough to avoid flooding continuously. 4x4 and Path entrance can be gated better and signed to regulate excessive 4x4 usage and keep people out when tide is unsafe. And prevent damage from over use With enough protection and organisation I believe the Dune can be protected properly with less fencing and rope being sent back out to the sea from us humans. |
| Leave it alone and let Mother Nature sort her own XXXX out.  |
| Definitely prohibiting driving on the beach, perhaps consider developing some more car parking to have enough space for beach goers to leave their vehicles and walk down.   |
| Ban vehicles.  |
| Allow access when the beach can tolerate it, close off when needs time to recover.   |
| Keep vehicles off the beach.   |
| Make safe and easy access to 4WD and ATV's. Natural fencing off dunes for rehab.   |
| Gazebos / wheelchair access.   |
| Repair vegetation but allow vehicles on the beach.   |
| Oyster or artificial reef.   |
| Keep it exactly how it is and only penalize the idiots who are creating havoc and excessive damage to tracks and dunes.  |
| Restrict vehicles on beaches by having only one entry for jet ski etc. and not allowing complete access to all beach.  |
| I think nature will take its course.   |
| Let the sand rest keep vehicles OFF.   |

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| Have so you can drive close to the beach and keep cars off. Not what I would really like, but I think it has come to that now.   |
| I believe it's very important to find a happy medium to support beach usage and also protect our beaches.  |
| Stop moving sand around.   |
| Stop vehicle access.   |
| Maybe look into more of a rock style access at top edge plus some for 2 vehicles to pass etc.  |
| No vehicles. Wheelchair access will need to be put in. Picnic/BBQ areas above the dunes.   |
| Seasonal closures to vehicles around severe weather events make sense but not permanent closure.   |
| One way in and out.  |
| Rock wall.   |
| Keep vehicles off. Make this a priority.   |
| Closing to vehicles during winter. I feel this would prevent 4wd vehicles driving all over the dunes.  |
| Down south, Bunbury Margret River and Busselton we used to pick up the seaweed and put it in the dunes. That stopped wind erosion and gave the dues some nutrition. We should be doing this on all our beaches. I know this is true as I was a loader operator.  |
| As a resident of Point Moore I would love vehicle access to the beach completely blocked. Failing that, as a compromise perhaps vehicles could only turn right when entering from access road #3. Then pedestrians, dogs and families would be safe to enjoy the area to the left of entrance #3 without worried about being flattened by 4wds. This area of beach is already very narrow and we need to preserve the dunes.   |
| As vehicles only drive on the sand side near the ocean the dunes aren't impacted to preserve the dunes plant more trees and fence the dune off but leave vehicle access the whole purpose of living in Geraldton is to be allowed to drive on the beach for surfing, fishing, kiteboarding, BBQ, picnic, skiing and boating it doesn't impact the dunes what does impact dunes is tidal, wind and no vegetation not vehicles!!   |
| Leave current access points 1, 2 & 3 as they are and restrict any other non-approved access. Allow people to drive on the beach as it has always been as 99.9% of people do the right thing and drive responsibly. I am unaware of any serious vehicle vs pedestrian event. Most if not all drivers drive on the beach and not the dunes or vegetation so no more impact that what the wind or tide do. I can't speak for unlicensed motorcycle or ATV though as they seem to go a bit faster and can access the dunes.  |
| The beaches are controlled by nature and will ebb and flow for eternity. Man needs to realise that there are things that he can't control. The ever changing coastline is part of its beauty and attraction. No amount of reports will change mother nature but may act as a short time placebo for some unrealistic people who think they can stop the beaches changing. Learn to live with the changes and adapt.  |
| Prevent vehicle access. Put in more parking close to the beach with walking access.  |
| No who Le access to beach.   |
| Dune restoration and keeping vehicles off beach.   |
| Install automated toll gates to charge for vehicle access to beach.  |
| It's definitely not 4wd doing the damage up and done the coast is under threat by costal erosion.  |
| Ban vehicles from accessing Point Moore beaches to allow natural processes of accretion and re-vegetation to occur between erosion/inundation events. If not a full ban, close some sections to prevent drivers doing laps. Close beaches during high tides. Temporarily ban vehicles at times (such as now) after erosion/inundation events to allow for recovery and to enable City/community rehabilitation efforts to be implemented. Use bollards or other methods to create a buffer between the vegetation edge and vehicles to allow natural recovery of vegetation in between erosion/inundation events. Use signage and biodegradable materials such as coir sand trap fencing to protect existing dune vegetation from vehicle and pedestrian impacts. Run community workshops on the important role healthy dune systems play in reducing erosion. |
| Vehicles have no impact on dunes. They are only driven on intertidal zone. Need a management plan that includes speed limits, awareness signage of kids (like Dongara). Defined vehicle pathways. Entry and exit points on beach. Open beach east of Pages Beach to vehicles to decrease concentrations of vehicles at Point Moore and Separation Point. At present there is very little use of this area.   |
| Police driving down there more often to stop hoons. Only driving on the beach when there's space with the high tides and fencing off the dunes.  |
| Stop vehicles temporarily going On the beach so can regenerate.  |
| Restrict vehicle access, especially when shorebirds are active in the area.  |
| Artificial reefs south of Greys Beach and Medallions.  |
| Rangers perhaps need an unmarked car to patrol these areas. Most people do the right thing but a lot don't.  |
| As this is a natural land /dune environment erosion is eminent matter of time. To slow down dune destruction at the current rate is very costly Example concrete or stone sea walls and at the end of the day is it really worth it.   |

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| As this is a natural land /dune environment erosion is eminent matter of time. To slow down dune destruction at the current rate is very costly Example concrete or stone sea walls and at the end of the day is it really worth it.   |
| Only allow vehicle access on these beaches when sand and beach has accreted and vehicle movements aren't next to fore dunes. Could be a variable seasonal thing depending on weather cycles. Promote via press/social media scientific and basic facts about what damaging the fore dunes that can result in permanent damage and risks to the coastal environment and adjacent land and properties. More signage and maps at track entries and on fore dunes clearly showing no go zones, walking pace speed limit and that beach goers can and will film and report hooning on beach.  |
| As this is a natural land /dune environment erosion is eminent matter of time. To slow down dune destruction at the current rate is very costly Example concrete or stone sea walls and at the end of the day is it really worth it.   |
| No that's your job.  |
| Not really, you can't beat Mother Nature.  |
| Close when necessary as a temporary measure.   |
| Fence off dunes above the high water mark achieved during winter months. Refrain from imposing more rules and regulations as they breed contempt for authority.  |
| None at present.   |
| Looking after them without damaging them by hooning.   |
| Just leave it alone. There has been too much human intervention to the coastline already. The more you interfere the more degradation you will incur.  |
| Limit access.  |
| Nature is in control, what the name says used to be a sand spit/point or as named Point Moore which is no longer there. Build the iron ore loading facility that was floated some time ago with a groin to imitate the sand point that has washed away and the beaches will return.  |
| Using demarcated access tracks only. Reinstate vegetation zone fencing. If tides are high etc. don't drive there. Use some common sense and enter at own risk!   |
| Leave them alone. What shall be shall be.  |
| Defence the dunes. The point changes all the time. The sand will come back.  |
| Reduce vehicle access. Give 4x4 drivers somewhere else to go driving on the beach. Patrolled more.   |
| Understand that damage and erosion isn't just caused by people in/on vehicles. It's just nature at its finest. If there are areas of beach that is damaged then block it off to allow repair, but that repair will come in the form of nature doing its thing again. Don't start shutting down areas of coast just because you want to and think it's in the best interest. As soon as you start closing sections down then that's it, they'll be closed for good. And residents and tourists don't want this and more than likely will find ways to get around the blocked off areas to still get on the beach and enjoy what the beach has to offer. |
| Reduce vehicle traffic when erosion has shrunk the available space. Adapt as circumstances change. Don't mess with nature.   |
| Let Southgate replenish the sand levels, stop mining the sand there. When the winter tides are high, there is not enough beach to drive on, so vehicle traffic is reduced. Vehicles are mostly doing the right thing. I think you will find seasonal conditions are causing the erosion, not vehicles - the dunes are fenced off. The sand washes away and then more sand is dumped in its place not long after. The main irresponsible drivers are those who run their dogs and drive fast. The average person driving on the beach is careful and drives slowly, taking in the views.  |
| While it's in its current condition keep all vehicles off the beach. I do not have a problem with 4x4 just the drivers who think its ok the hoon and do donuts! What a guy yesterday come roaring out off a pathway to tear up the beach even the very narrow section, only to come to the point and scream off again....why. We built here in 1983 and to get to the beach we had to go up and down about 4-5 sand dunes.   |
| The majority of people who use the beaches around point Moore are well behaved and are respectful to everyone else on the beaches and they stay on the main section of beach where they're meant to be. Driving on the beaches does very minimal impact to the beaches, as there is lots of wind and the sand quickly covers up places people have driven. However, things like what they have done with the port and other major works is causing the currents to shift sand into places it never used to be and this is causing the erosion along the coast up to Drummonds. Do not lay blame on the recreational people for these issues.           |
| Restrict vehicle access when necessary e.g. beach is too washed out, but keep vehicle access permitted otherwise. Driving on the beach is part of what makes Geraldton attractive and should not be restricted generally.  |
| Can't fight mother nature.   |
| I feel that the fencing of the dunes works to keep vehicles off the dunes. The tracks provided are adequate. Opening pages beach (horse beach) up to vehicles will take some of the load off the point Moore beach. Pages beach isn't erosional bur predominantly depositional. I think it's a very much missed opportunity to provide a beach close to town for all people to access, not just horses.  |
| Don't let any vehicles on the beaches. They can go out of town to do that.   |

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| Better signage on rules, wayfinding etc. Protect areas that need protecting and channel the public to areas that are more robust.  |
| People do not drive on the dunes they drive on the beach so I do not believe cars are contributing to the erosion of the dunes.  |
| I think the City is doing what they can. I know it is hard to police the misuse by the small percent of community members. Please do not restrict those who do the right thing.  |
| The Beach could be patrolled for people doing the wrong thing; E.g., cutting up the beach, damaging the natural fauna & flora of the area when the tide is high. I think that this area is greatly important to still provide 4x4 access to the Geraldton community. Especially for people who may not be able to walk from the car park to the water's edge.                        |
| Suitable signs at entrances, ranger input if antisocial behaviour. Beach erosion is a continual process that changes throughout the year due to tides, wind swells etc. This year's winter weather has been more severe than recent winters.   |
| Fence off dunes.   |
| Fix global warming.  |
| Signage letting people know that a low speed is necessary and that pedestrians and beach walkers take precedent.   |
| Fence off dunes permanently. Keep access to vehicles on beach open.  |
| Attempting to limit speeds on the beach.   |
| Restrict speed on the beach, better policing of hoons and weekend warriors in their 4 wheel drives. Stop removing all the beach near the wharf, employ someone who 'knows what they're doing' for future management. Considering the point years ago used to be underwater (Hancock's Passage once ran through there) the changes and degradation of the beach is not something new. |
| Nothing can be done. Nature taking its course.   |
| Stop vehicles driving on beach, revegetation of dunes, marked footpaths, public education and awareness.   |
| I do not believe vehicles are causing the damage to beach erosion or dunes majority of vehicles that utilise the area are responsible and family orientated.   |
| Stop the idiots that ruin the area and have no respect.  |
| Vehicles should be allowed to transport users/equipment and provide shelter at 5km only.   |
| Re-establish fencing to sensitive areas, stop cars from entering on established tracks until the beach sands recover, put up good, clear and friendly signs with the reasons for stopping access to vehicles, mark new walking tracks through the dunes and/or to the beach.   |
| The Pages access point #1 to Explosives is unnecessary. The Explosives car park #2 should be an attractive park and walk spot, shelters, picnic tables, interpretative panels with no vehicle beach access. The lighthouse access #3, vehicles can't access Explosives. Stop the rat run!  |
| Many local councils in Perth Metro area have tenders for removal/reinstatement of beach sand which builds up or is eroded due to marinas and natural points (like point Moore). This is usually completed once annually as required often at the end of Winter.  |
| I know it's easier said than done, but making sure that the public uses it in the correct way. It would also be good to perhaps involve schools/TAFE more in activities to protect our coasts, so they can learn why it's so important.  |
| Yet another rock wall. However feel these are moving the problem to other locations.   |
| Possibly regular checks by rangers etc. to ensure beach users are doing the right thing, having the dune zoned off to ensure it is hard for vehicles and people aren't able to access.   |
| Maybe sandbag and or beach wall protection?  |
| Yes. Keep vehicles off.  |
| Not allowing vehicles on it at all. I would take my family there more often however at no point do I feel safe for my family with 4wd and bikes zooming around. It's the same in Drummond cove where they are even worse.  |
| Stop vehicle access.   |
| Vehicle access seems to be used a lot by visitors to the beach. On occasion I have experienced people driving too fast however if the beaches were patrolled and people educated, I feel it would assist in eliminating this behaviour.  |
| Closed during winter seasonal coastal erosion/changes defined driving paths with signage, use bollards to block tracks and security cameras to nab people breaking the rules. I like to 4wd on the beach, but I don't like to see people just pushing new tracks through virgin dunes it's very bad for the coastal dunes health.  |
| Limit access to one track.   |

## APPENDIX 2: Additional Written Feedback

### Submission 1

We would like to address you about the erosion problem on our beach, Point Moore. Foot paths and beach cottages are exposed and being damaged by the erosion on Point Moore beach. Which means a downfall in economy. Approximately 502 people live in Point Moore. Which is approximately 502 people who are damaged by erosion.

Your original plan to put rocks from Pages Beach to Explosives where the osprey nest is, is not enough. It should be taken into consideration that the worst area of the Point Moore beach from Greys Beach to Explosives where the osprey nest is. That has been damaged the most, and you were going to keep it open to cars. If Point Moore beach is permanently closed plants can revegetate and strengthen sand dunes, which will help stop erosion.

### **Before After**

Cars cause damage directly to the vegetation and they can also cause ruts, particularly when people get a bit excitable and want to chuck a few donuts, or see how deep they can risk it in their new four wheel drive. In some of those areas, ruts can cause long term damage and reduce the connectivity of the wetland.

Beach driving tips protect your car and the environment – ABC: <https://www.abc.net.au> › local › stories › 2011/01/24\ . We have a wetland in Point Moore.

Drivers can become restless on the beach which there for makes them dangerous. Police and rangers are not taking responsibility for dangerous drivers on the beach.

The government has put \$600,000 into Drummond Cove sand nourishment program but has not put any funding into Point Moore sand. Taking sand from Pages Beach for the recovery of Midalias Bay and other beaches has weakened Point Moore Beach significantly. Groynes cause abnormal currents and sand movements, which effect other beaches.

Important reefs and marine life are more vulnerable to being damaged by cars and humans. Point Moore is a nesting place for Australian sea lions, which are the most endangered seals in the whole world.

### **Australian sea lion at Point Moore**

The Australian sea lion is our only endemic sea lion, which means it is unique to Australia, and it is one of the most endangered in the world, with an estimated overall population of 10-12,000. ...4 Jan 2021.

Australian Sea Lion listed as Endangered - Humane Society <https://hsi.org.au> › blog › australian-sea-lion-listed-as-e

We have ghost crabs at Point Moore beach that are being destroyed by cars on the beach, which is another good reason to stop cars.

Conservation. Due to the limited range of golden ghost crabs in Western Australia, they are deemed vulnerable to large scale environmental disasters that might affect the region (like oil spills). Like other ghost crabs, they are also strongly affected by human activity on their beach habitats, particularly by vehicles. Golden ghost crab – Wikipedia: <https://en.wikipedia.org> › wiki › <https://en.wikipedia.org> › wiki › Golden\_ghost\_crab

We need an equal voice, with both cultures, a younger audience and proper environmental scientists. To make important decisions about the environment.

Because the future belongs to the young generation, and we deserve a say and to be heard.

### Submission 2

First came to Geraldton in 1940, I was seven years old, left in 1949 to go bush and spent 40 years in Meekatharra. Worry of erosion problems with allowance of vehicles on beach.

#### History

- Cyclone Seroja had 5m tidal surge
- Gascoyne Murchison Cyclone Murchison House tidal surge 20 foot which is 5 meters higher than Seroja. The seaweed was stacked up against Gascoyne Hotel.
- No seawater insurgence, reinstate the dunes.

#### Ideas to protect the environment:

- Proposal: Bund, GEO to swing water away and replace cut aways to natural height of sand dune.
- Restrict all vehicles off beach.

### Submission 3

- Rangers do drone monitoring at beaches that allow vehicles.
- Information simple enough for general community to understand.
- Heathway, no stress beaches please and encourage individuals to walk.
- Redo access track road entries as carparks then footpath access to beach.
- Raised recycled boardwalks.
- Police presence at beach car parks, education.

