

Good Afternoon All,

I hope this email finds you all well and you are moving forward. I continue to work through the points raised at the Tuesday meeting and will get notes out as soon as I can.

This email is to update you on what is happening from councils side at the moment.

SEA WALL

Some private sea wall owners have contacted council with a view to re-establishing their barriers. Council will work with these to see what can be done.

Rick Lowe had an on-site meeting with some members of the community. Work to re-establish the wall as per the consent conditions will start tomorrow. As the work is reliant on the tides it will probably take about two weeks to complete. Surveying of the beach will start Monday next week, the survey of the beach wall will be done once repairs have been completed.

STORMWATER DRAINAGE

- Council staff have been on site over the last few days working with owners of private drains to establish how to improve what is currently there.
- Works will be carried out on the stormwater discharge pipe at Chaytor Reserve, these will shorten the outfall pipe to make maintenance easier and recheck the internal flood gate to ensure it has not been compromised.
- Eric Verstappen and other staff have been on site speaking to people to assess effects of the flooding and to give advice. We are hoping to get a collective response to dealing with gravel overwash and removal, to form a consistent gravel bund and elevation along the face of the unprotected shoreline.

SEWERAGE

Several designs to deal with the issues affecting Mapua School and some residential properties are being finalised. These should be available for assessment by council next week.

The sewage pumping station at the Mapua Leisure Park will require remedial work to repair some damage and replace old equipment. Despite this the temporary system put in place continues to work well. This work may take up to six months to complete.

A concern was raised that council was pumping sewage through the stormwater pipe at Chaytor Reserve. This has been investigated by our stormwater staff several times over the last three days. **No sewage has been discharged.** The pipe only collects stormwater run-off and not sewage. Inspection of the outflow material indicated that it was organic plant matter – creek water, that had turned the water brown and was giving off an “earthy” odour that could be confused with sewage.

ROADING

All roads are open;. A speed restriction is still in place in the vicinity of McKee Reserve. The current cost estimate for the repairs caused by the storm surge is \$350,000.

In addition to damage to some boardwalk sections there is a temporary detour for the “Great Taste Trail” cycle way from the Richmond Deviation to Best Island.

BUILDING CONTROL

Building staff are carrying out visits to properties that had issues but did not get visited during the event. If you feel you need such a visit please call 03 543 8400 and ask for the Duty Building Assurance Officer.

FLOOR LEVELS & HEIGHTS OF BUILDINGS

As discussed at the meeting on Tuesday, there will be a need for some building owners to raise their floor levels. Advice on how high is available from Eric Verstappen at council. If this means that the owner wants to increase the height of the building this will require a resource consent if it exceeds 5.5m. Eric can also advise on the process to be followed in order to apply for such consent.

BEACH DEBRIS

Some properties have had large volumes of beach debris deposited on them, this is a particular problem for properties 142 – 206 Stafford Drive. In order to get the best possible result from moving the debris back onto the beach, it is proposed to have a meeting with all affected property owners next Monday evening. Details will be sent soon to those property owners. It is emphasised that this meeting will not be discussing other aspects of the recovery. As details emerge on other topical issues further meetings will be held.

WELFARE

The welfare record sheets have all been loaded onto the system. Staff are following up with approximately 45 people to ensure that they are being appropriately looked after. As indicated previously, please let us know if you feel someone needs help and isn't receiving it.

WASTE COLLECTION

The last two piles of debris that council have agreed to pick up will be collected tomorrow, these were missed originally as contractors were needed on more urgent work.

RESERVES

The extensive damage to our Reserves is shown below. Staff are working with our contractors to make repairs as soon as possible.

Coastal cycle trail	sections of timber boardwalk broken and missing	repair and rebuild where necessary	possible re-alignment in places
(aquatic centre to Sandeman)	sections of trail eroded and scoured	widen and repair trail surface	
Sandeman Reserve	areas of debris lying on trail	clear all debris	
	dead and damaged vegetation from salt water inundation	remove all dead trees and shrubs - start replanting programme	
Rough Island	hundreds of dead trees and shrubs from salt water inundation	remove all dead trees and shrubs - start replanting programme	extent of replanting and species selection
	large areas of dead grass from salt water inundation	re-establish grass where necessary	
	large amounts of debris on roads and grass areas	remove all debris tidy up plant guards	
	4 trees fallen across Tic Toc road	remove and make safe	
Rabbit Island	erosion and under cutting to front beach chip seal roads	remove all damaged chip seal road material	retreat - road not repaired
	major erosion/ loss of beach dune area	tidy and re-shape where possible	sand push up required to hold the line of erosion

	debris to clear off roads and grass areas	remove all debris	
	all beach accessways damaged including fully accessible ramp	repair and make safe all accessways	
	all beach fencing damaged or lost	repair once debris cleared	
	fallen and destabilised pine trees along front beach	fell and remove 8 dangerous pine trees	
Research Orchard Reserve	many dead trees and shrubs from salt water inundation	initial clean up removal debris and plant guards	
		remove all dead trees and shrubs - start replanting programme	
	large areas of dead grass from salt water inundation	re-establish grass where necessary	
Old Mill Walkway	pathway eroded where not protected behind rock wall	initial clean up removal debris	re direct pathway where possible
	debris lying over pathway	repair trail surface	
Pine hill walkway	one collapsed pine tree along roadside	remove and make safe	
		assess remaining trees for stability	
McKee Reserve	large amounts of debris on roads and camping grass areas	huge clean up required	extension of clay bund to protect additional areas
(Currently Closed)	dead and damaged vegetation from salt water inundation	remove all dead trees and shrubs - start replanting programme	
	playground bark contaminated with debris and saltwater	replace playground bark	consider relocation or re building
	large areas of dead grass from salt water inundation	re-establish grass where necessary	
	3 destabilised pine trees gravel washed away from root zone	fell and make safe	
	sewer pump station flooded with sea water	pump out and test system operation	separate bund to protect this asset from flooding
	inundation of entrance area	re-direct stormwater flowing off Mapua Ruby Bay road	investigate options to reduce overland flooding
Kina Reserve	large amounts of debris on roads and grass areas 70% of area	remove all debris	
	contamination of water supply	flush out existing well	consider relocating the well
	damage to coastal fencing	repair as required	
	dead trees and fallen ngaio along coastal edge	remove and make safe	
	self-contained toilets filled with salt water	toilets pumped out	
Trewavas Street	erosion damage to locally made sea walls	work with neighbours to improve estuary edge	develop coastcare project with neighbours

Motueka Quay/Kumara's	localised erosion along estuary edge	minor sand rebuild and planting	
	debris lying over pathway	clear all debris and repair surface	
Stephens Bay	Sand eroded from upper beach exposing underlying soil layer	possible sand push up to help hold the line	sand push up possibility
		additional coastal planting required	
Little Kaiteriteri	beach accessways damaged	repair accessways but removed wooden steps structure	
	vehicle track along western end eroded away	possible sand push up to help hold the line	investigate sand push up
	many trees fallen onto beach at western end	remove fallen trees from site	reinstatement of vehicle track?
Breaker Bay	toilet block foundations exposed	structure to be assessed for strength	
	toilet block steps damaged	Access steps to be rebuilt	
	sand inside pipe from inspection vent	sand to be cleaned out of pump before entering pump station	
Torrent Bay	Sand washed over reserve area	remove debris but leave sand in place and re-seed grass area	
	coastcare fences damaged	repair fencing	
Tata Beach	erosion beside boat ramp	sand replenishment required	
	plantings washed out western end or covered at eastern end	replant as required	
Ligar Bay	minor plant areas covered with sand	replant as required	
Pohara	most beach accessways damaged	temporary repair to get open	relocation to be considered
	severe erosion of beach dunes	tidy and re-shape where possible	long term solutions required
Golf Course	severe erosion of beach dunes	tidy and re-shape where possible	
Rototai esplanade reserve	severe inundation and debris	remove all debris off site as first step	long term solutions required
	damage to vegetation	replant where required	
Rototai Reserve	Trees and shrubs dying from salt water inundation	remove and make safe	
Patons Rock	large areas of grass dying	re-sow where required	
	stormwater pipes washout and lying on reserve	follow up with engineering	
Clifton Reserve	large areas of grass dying	re-sow where required	
	Trees and shrubs dying from salt water inundation	remove and make safe	
Patons Rock	erosion along beach front	tidy and re-shape where possible	possible sand push up

	some beach accessways damaged but still usable	repair and make safe	
Parapara	South-eastern end eroded beach front area	possible sand push up to help hold the line	sand push up discussion
		replant when possible	
Rangihatea	not yet inspected		

MARITIME SAFETY

Navigation marks have been replaced with either permanent replacements or temporary marks whilst we await full replacement. There is still significant debris floating around the coast and anyone boating should take great care.

USEFUL INFORMATION

Phone: Tasman District Council 24 Hours: 03 543 8400
 Recovery Manager Adrian Humphries: 0272461207
 EQC 0800 DAMAGE (326243)

Some websites and applications that may be of use to you are shown below:

<http://www.metservice.com/national/home>

<https://www.redcross.org.nz/what-we-do/in-new-zealand/disaster-management/hazard-app/>

<http://www.nelsontasmancivildefence.co.nz/>

Useful apps that can be downloaded to your phone are:



Geonet



Hazards (Red Cross)



Met Service



AED locations



NZ tides

CONCLUSION

We continue to make progress, please let me know if I can help you and let me know if you hear any rumours.

All the Best

Adrian

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