

# Notes of the Kaituna Catchment Control Scheme Advisory Group meeting held at Comvita NZ Ltd, Paengaroa, on Monday, 19 February 2018, commencing at 10am

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- Chair:** Councillor Bill Clark
- Advisory Group:** Barry Roderick, Dave Hurst, Graham Thompson, Peter Dine, Richard Weld, Roger Hintz, Kevin Marsh (Western Bay of Plenty District Councillor)
- BOPRC Councillors:** Councillor Norm Brunning, Councillor Jane Nees
- BOPRC Staff:** Roger Waugh (Rivers and Drainage Asset Manager), Kirsty Brown (Asset Management Specialist), Jo Heath (Asset Management Coordinator), Bruce Crabbe (Rivers and Drainage Operations Manager), Kerry Smith (Area Engineer), Paula Chapman (Project Manager Flood Recovery Project), Andy Dixon (Management Accountant Team Leader), Pim De Monchy (Kaituna Catchments Manager), Mark Townsend (Engineering Manager)
- Guests:** Kelly Hughes, Cor Verwey, Kelvin O'Hara
- Apologies:** Warren Webber, Nick Chater, Tony Dunlop
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## 1 Welcome

Councillor Clark welcomed everyone to the meeting. Bruce Crabbe introduced Kerry Smith the new Rivers and Drainage Operations Area Engineer and Roger Waugh introduced Jo Heath the new Rivers and Drainage Asset Management Coordinator.

## 2 Apologies

Apologies received from Warren Webber, Nick Chater and Tony Dunlop.

## 3 Notes of previous meeting held 31 October 2017

### Resolved

That the Kaituna Advisory Group:

- 1 Confirm the notes of the meeting held 31 October 2017 as a true and correct record.

Roderick/Brunning  
CARRIED

## 4 Matters arising from previous meeting

- Further discussion required on the scheme boundary in relation to the Pāpāmoa area.
- Update on the Ford Road pump station requested.
- Two actions from previous meeting regarding the Bell Road mowing culvert and Tauranga City Council consents and their effect on Bell Road catchment.

These items will be covered in agenda item 11 – General business.

## 5 Asset Management Plan and Infrastructure Strategy update

Kirsty Brown delivered a PowerPoint presentation providing an update on the three yearly review of the Rivers and Drainage Asset Management Plan and the Infrastructure Strategy (presentation attached).

### Asset Management Plan (AMP)

- Rivers and Drainage AMP is the most extensive AMP held by Bay of Plenty Regional Council. The asset portfolio has a replacement value of \$246 million and planned asset maintenance and renewals covering a 50-year timeframe. The AMP is reviewed by Council every three years, in parallel with the Long Term Plan.
- Updated forecast operating expenditure (opex) in Year 1 of the Long Term Plan shows an increase from \$1.8 million to \$2.1 million, mainly due to increased costs associated with additional staff and overheads. Also a \$200,000 reduction in flood damage repairs.
- Projected operating expenditure over ten years starts at \$2.1 million in Year 1 and peaks at \$3.9 million in Year 4. The AMP factors in a moderate flood event every five years to include a flood damages model in forecast expenditure. If not needed the funds remain in the flood damage reserve.
- Capital expenditure (capex) forecast at \$14 million over 10 years. This includes flood damage repairs as a result of the April 2017 flood event of \$1.6 million (split evenly between Years 1 and 2). Some key projects are new Ford Road pump station \$2.2 million, Kaituna stopbank upgrade \$1.5 million, and Te Puke stormwater project pump stations at \$2.5 million.

### Infrastructure Strategy

- Infrastructure strategy is under review as part of the Long Term Plan planning process. The strategy has a 30 year timeframe and identifies issues and implications for Council's flood protection and control works assets.
- Land use change has been added to the significant issues list.
- Estimated capital and operating expenditure across all the rivers schemes is shown as a bar graph that includes an upper confidence level. This takes into account that the confidence in cost estimates decreases over the 30 year period. The difference between estimates and confidence level in the first two years reflects uncertainties around final insurance payments.

The Asset Management Plan and the Infrastructure Strategy are available on the Council website (on the Long Term Plan page at [www.boprc.govt.nz/ltp](http://www.boprc.govt.nz/ltp)). Copies of the Asset Management Plan Executive Summary were available at the meeting.

## 6 Flood Recovery Project Report

Paula Chapman spoke to the report provided in the agenda package advising that:

- Main focus since last Advisory Group meeting has been on setting up processes, communication and stakeholder engagement, and assigning priorities to repair jobs.
- Reduced water levels over recent months have allowed further inspections to be completed and additional repair sites identified. There are over 520 damaged sites across the four main schemes with an estimated repair cost of \$45 million.
- 39 repair sites in the Kaituna catchment. 11 sites will be completed in 2017-2018 financial year.
- Estimated total programme cost for Kaituna is \$3.4 million dollars, with Council share of costs forecasted at \$2.5 million.
- A large amount of the work (\$2.22 million) is classified as betterment – either a new asset, an extension to an asset or providing a higher level of service. Betterment is not covered by insurance and is not funded by central government through Ministry of Civil Defence and Emergency Management (MCDEM).

- First claim to MCDEM has been accepted and has met the funding criteria threshold. Future claimable repair works will be eligible for the full 60% contribution from central government.

Dave Hurst mentioned he is an affected landowner and had not received communication about flood repair work. Paula Chapman responded all property owners within a certain distance of the flood damaged sites should have received a letter.

**ACTION:**

**Paula Chapman to investigate why Dave Hurst has not received an affected property owner letter.**

## 7 Long Term Plan 2018-2028

Kirsty Brown delivered a PowerPoint presentation providing an update on the Long Term Plan 2018-2028 (presentation attached).

- Long Term Plan sets out what Council plans to do over the next ten years, how much it will cost and the outcomes to be delivered to communities.
- The consultation period opens 19 February and ends 19 March, providing an opportunity for the public to 'have their say'.
- Consultation document available on website ([www.boprc.govt.nz/ltp](http://www.boprc.govt.nz/ltp)) from Monday 19 February. Submissions can be made online, by email, in person or by post.
- Consultation question for the rivers and drainage schemes is should April 2017 flood repair costs be passed on to the ratepayers as they arise through large increases over the first two years of the Long Term Plan (Option 1) or should money be borrowed to spread the rate rises out over a longer period of time (Option 2).
- Information was provided on effects of the two options on forecast loans, funding and estimated targeted rates for the scheme.
- Whichever option is decided on will be the option for all of the river schemes collectively.
- Kaituna scheme has money in the works reserves that can be used to even out any rate increases. This reserve has been used in the previous three years to keep rates static and can be used to reduce the proposed 15% increase in Year 3.

Feedback and direction sought from the group around the preferred option for the rivers and drainage flood recovery project consultation topic and any other items for a submission. Group members encouraged to make individual submissions.

Members discussed the two options raising the following points:

- The Kaituna is a relatively stable catchment and has not experienced the same level of damage as the other schemes. Option 2 seems the best option when you take into account the situation some of the other schemes are in.
- Ratepayers do not like erratic movement in their rates so would be better to borrow money and smooth out the rate increases. Experience also shows that if there is a rate spike it doesn't come down again.
- Suggestion made to use Quayside to fund flood repairs and get the assets and level of service up to standard. The schemes could then pay Quayside back without interest.

Through a show of hands all members felt Option 2 was the best option.

### Resolved

**That the Kaituna Advisory Group:**

- 1 **Make a submission on the Long Term Plan indicating Option 2 as the preferred option for Topic One: Rivers and Drainage recovery project.**

Hurst/Roderick  
CARRIED

## 8 Works report

Bruce Crabbe spoke to the maintenance works report provided in the agenda pack highlighting the following:

- Maintenance works are being carried out in conjunction with flood repairs to avoid getting behind on maintenance tasks and then having to defer maintenance works.
- Fly tipping is on the increase and clearing it up is becoming an issue for the scheme. \$8,000 per annum has been added to the scheme budget to contribute toward the cost of removing dumped rubbish from scheme waterways. Standard practice is to attempt to identify perpetrators where possible, however not often successful.

Kerry Smith spoke to the Upper Kaituna works update provided in the agenda pack highlighting the following:

- Wind storm early in January felled 28 trees within the Rotorua urban scheme streams. Work to remove them has highlighted the issues of inappropriate tree species within the riparian margins and limited access into scheme drains for maintenance and emergency works.
- Working with Rotorua Lakes Council operations engineer on a coordinated preventative maintenance programme to reduce the need for emergency works.
- Working through the process of contractor quotation, landowner agreements and implementation for seven erosion sites in the upper Kaituna scheme area with costs shared with private landowners and/or Rotorua Lakes Council.

## 9 Finance report

Andy Dixon spoke to the finance report provided in the agenda pack giving an overview of the scheme's revenue and expenditure for the year ending 31 December 2017. The following points were noted:

- Kaituna scheme has high reserve balances and is in a good position to benefit from external borrowing at low interest rates through the Local Government Funding Agency while continuing to invest reserve funds.
- Operational revenue anticipated to be on target for year end.
- Operating expenditure is currently underspent. Finance costs are underspent because of low interest rates. Contract Work also underspent because of need to reclassify works affected by flooding from maintenance to capital works. This has resulted in a corresponding overspend in capital expenditure.
- Reserve balances as at 31 December 2017 were as follows:
  - Flood Damage Reserve \$2,393,335 (this is contingency cash held for flood damage works and is currently held on term deposit)
  - Asset Replacement Reserve \$742,277 (available to fund capital spend on renewals and new assets)
  - Works Reserve \$788,859 (available to fund operating expenditure)
  - NZTA Reserve \$547,964 (funds from NZTA compensation, invested and earning interest)
  - Re-diversion remediation \$445,344 (funds from re-diversion project for adverse effects mitigation, invested and earning interest)
  - General Reserve \$197,215
- Outstanding Loans \$3,370,500
- Kaituna Asset Valuation 1 July 2017 \$62,923,926

## 10 Kaituna Catchment update

Pim De Monchy delivered a PowerPoint presentation providing an update on land management activities in the Kaituna Catchment.

- **Floating nursery as an option for drain management.** Kelly Hughes demonstrated his floating nursery and asked for feedback on the concept and design. He is looking for sites to test the prototype.
- **Kaituna re-diversion project.** Received two tenders and price was 28% above the Engineer's estimate. Currently working on the final details to sign up a contractor.
- **Wildlife Management Reserve wetland creation.** A management goal of the 2009 Kaituna River and Ōngātoto/Maketu Estuary Strategy is to protect and enhance existing wetlands. This project is creating wetland habitat to enhance the existing Wildlife Management Reserve administered by Department of Conservation. Currently looking at purchasing property and negotiating for land with the Office of Treaty Settlements.
- **Regional Water Quantity plan change (PC9).** Looks to improve how we manage the allocation of water in the region and ensure it is being used efficiently. Hearings scheduled for March 2018.
- **Rotorua Lakes Nutrient Management plan change (PC10).** Introduces rules to limit the amount of nitrogen entering Lake Rotorua from land use, in order to improve water quality. Has gone through the hearing process and decision is subject to a number of appeals. Some parts are already operative.
- **Implementation of National Policy Statement for Freshwater in Kaituna (PC12).** Currently waiting on better modelling information. Barry Roderick is the chair of the Kaituna/Maketū community group whose role is to share knowledge and perspectives about fresh water in their catchment.
- **Spartina management 2017-2018.** *Spartina* is classified as an eradication pest plant under the Regional Pest Management Plan. Eradication programme involves a spray in early December, follow-up spray in late January/February if required and then replacement plant with natives in late summer.
- **Fish passage barriers.** A survey of fish passage barriers at public road culverts in the Kaituna catchment was carried out in 2013. Each year fixing several structures identified as barriers.
- **King tide - 5 January 2018.** Highest tide level since Wahine storm in 1968. Water levels reached RL 2.11m in Maketū Estuary and lower Kaituna. Over-topping on Maketū Road and within 30cm of over-topping at boat ramp carpark on Ford Road.

## 11 General business

### 11.1 Bell Road mowing culvert

Tabled memorandum – *Bell Road Mowing Culvert update*

Mark Townsend provided an update on the Bell Road Mowing Culvert.

- Proven that the Bell Road No1 Drain culvert under the Tauranga Eastern Link has an effect on peak flows during rainfall events.
- NZTA have accepted there is more work to be done, but are still trying to prove the culvert does not have an effect and is not their issue.
- Workshop in March to discuss proposed solutions involving representatives from BOPRC, NZTA, Beca (consultants to NZTA), DHI (consultants engaged by BOPRC to update Kaituna River and floodplain model), and Tauranga City Council.
- Expect model to be complete and ready to run the proposed options by end of April 2018. Option modelling will be funded and managed by NZTA.

## 11.2 Ford Road pump station

Mark Townsend updated members on the Ford Road pump station.

- Stakeholder consultation with tangata whenua is complete (Phase 1).
- Modelling of the various options is underway.
- Once modelling completed, consultation with potentially affected landowners will start (Phase 2) followed by consultation with the wider community (Phase 3).

Discussion followed on resource consent and the need for any discharge to meet national water quality standards. In areas of intensive land use it will be a challenge to meet the targets.

## 11.3 Kaituna pumps update

### Marshall and Armer pumps

- Mobile pumps being replaced with two stationary pumps – new motors have arrived, pumps expected in 6 weeks.
- Landowner has no issues with the proposal.
- Stationary motor, diesel, pumps similar to Doda. Not housed so can be moved to other locations if required.

### Diagonal Drain pump station

- Diesel generation to be investigated for partial conversion from electricity.
- Will reduce line charges and bring maintenance costs down.

## 11.4 Pāpāmoa rates

Concerns that not all Pāpāmoa properties contributing stormwater to the scheme are paying scheme rates was discussed.

- Current rating system is a whole-of-catchment, land area differential classification system adopted in 2002. At that time it was unclear where stormwater from future developments would go and the boundary was set as the high point of the sand dune ridge at Pāpāmoa with the landward side falling within the scheme.
- Rating scheme boundary is a legal entity and cannot be changed without a rating reclassification review. This would be for the whole catchment and is a long and costly process.
- The need for a classification review of all schemes has been brought before Council with the decision made to hold off any rating reviews until it is absolutely essential for a particular scheme.
- Best to leave a rating review until all stormwater and urban development issues within the catchment are resolved.

### **Resolved**

**That the Kaituna Advisory Group:**

- 1 Make a recommendation to Council, via their Long Term Plan submission, that rates in the Kaituna catchment are becoming inequitable and a rate review is needed as soon as practicable.**

**Marsh/Hurst  
CARRIED**

## 11.5 Te Puke stormwater

Roger Waugh explained this had been an on-going long-term issue for the scheme.

- Stormwater from residential development in Te Puke is putting pressure on the scheme.

- Kaituna scheme spending approximately \$240,000 in 2017-2018 as a short to medium term solution to the problem. This includes two stationary pumps to be located on Marshall and Armer properties respectively.
- Western Bay of Plenty District Council (WBOPDC) has not contributed to costs so far. Regional Council will be requesting funding contribution from them.
- WBOPDC has applied for a comprehensive stormwater consent and the scheme will be making a submission requesting full mitigation for additional stormwater. Likely to go to hearing.

## 11.6 Other

Questions from members were discussed and responded to:

- *Does council check non-scheme culverts under the Tauranga Eastern Link?* Roger Waugh responded as long as there is no impact on scheme drainage maintenance of these culverts is the responsibility of NZTA.
- *What is happening with the wet spot in stopbank on Doug Pamment's property?* Bruce Crabbe was not aware of this issue and will arrange for it to be investigated.

### **ACTION:**

***Bruce Crabbe to arrange for the wet spot in stopbank on Doug Pamment's property to be investigated.***

- *Who is responsible for fallen trees in the Ohineangaanga Stream?* Roger Waugh responded the Ohineangaanga Stream it is maintained by the scheme from SH2 in Te Puke and that landowners are generally responsible for removing debris from waterways if it has come off their property. There is a small budget available to remove debris where they are causing immediate problems to banks and have not come from adjacent properties. Pim De Monchy added there has been an assessment of land use activities in the upper catchment and the land management team are meeting with landowners to hopefully develop a management plan for the stream.
- *Fluctuating water levels from recent storms in Bell Road drain are eroding the bridge footings – who is responsible?* Roger Waugh responded it is the property owner's responsibility to protect their asset.
- *Operations staff have been denied access to the Tauranga Eastern Link road corridor preventing the cleaning of scheme drains.* There are high requirements for traffic management within the road corridor and this is causing access issues for operations staff.

### **ACTION:**

***Bruce Crabbe to investigate the cleaning of scheme drains under the Tauranga Eastern Link and report back to the advisory group.***

- *Dredging of the Kaituna and the value of dredged material.* During construction of the Tauranga Eastern Link dredged material from the Kaituna was assessed and found to be good for construction however in the end a cheaper source was located by the contractors. Roger Waugh advised there is budget in the Long Term Plan for dredging the Kaituna. If there is value in the dredged material it could be extracted at no cost to the scheme.
- *Update on Pukepine consent.* Application for new consent has been lodged and the scheme made a submission as an affected party. The consent process is currently on hold, awaiting additional information and then a potential hearing date.

The following questions/comments were taken from members of the public attending the meeting:

- Kelvin O'Hara expressed an opinion that there is a lack of meaningful public relations from Regional Council. Although he sees a lot of work being undertaken he is unable to find any detailed evidence or analysis on why. Would like to see Council looking at

the river in totality, speaking with local communities and getting a full appreciation of impacts on the river and river users.

- Cor Verwey asked for an update on testing of Factory Drain for contaminants as he feels there has been no action and the drain needs to be cleaned. Bruce Crabbe explained there is an embargo on cleaning the drain until levels of contamination have been confirmed and a plan put in place for remediation. Pim De Monchy confirmed testing has been completed for both sediment within the drain and drain cleanings deposited on paddocks and arsenic was found in both. Results had been sent to Mr Verwey and there is a possible date for the consent hearing in April.

**Meeting ended:** 1:00 pm

Subject To Approval By Advisory Group

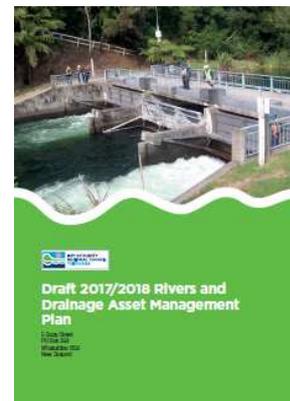


# Rivers & Drainage Asset Management Plan and the Infrastructure Strategy

## Kaituna Catchment Control Scheme

### Rivers & Drainage Asset Management Plan (AMP)

- Asset portfolio of \$246 million
- Long term strategy for management of rivers and drainage assets and services.
- 50 year timeframe
- Review every three years along side the LTP



## Costs associated with management of the assets: Year 1 LTP 2018/2019 (version 6)

- **Operating expenditure - \$2,110,000 (increase from \$1,806,332)**
  - Maintenance, overheads and management activities - \$1,496,000
  - Depreciation - \$568,000
  - Disaster insurance - \$46,000
- **Capital expenditure - \$3,773,000 (decrease from \$3,849,335)**
  - Kaituna River - \$2,940,000
  - Flood Damage Repairs \$833,000
- **Flood Reserve Contributions - \$310,000**
- **Loan Payments - \$284,075**
- **Internal Interest - \$201,000**

## Projected Operating Expenditure

Annual Plan 2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
(\$'000)	(\$'000)	(\$'000)	(\$'000)	(\$'000)	(\$'000)	(\$'000)	(\$'000)	(\$'000)	(\$'000)	(\$'000)
1,862	934	936	938	941	943	946	949	953	957	961
0	0	0	0	1,591	0	0	0	0	796	0
51	46	50	54	58	63	68	73	79	86	92
175	201	349	452	541	535	561	579	705	703	666
305	568	390	597	400	432	395	407	406	397	397
729	361	357	371	369	380	389	385	384	386	380
<b>3,123</b>	<b>2,110</b>	<b>2,083</b>	<b>2,412</b>	<b>3,900</b>	<b>2,352</b>	<b>2,360</b>	<b>2,393</b>	<b>2,528</b>	<b>3,325</b>	<b>2,496</b>

## Capital Expenditure \$14 million over 10 years

Kaituna Catchment Control Scheme			
Year	Capital works	Type	How much
Year 1 (2018/2019)	Pump station electronics upgrade.	Improvement	\$80,000
	Kaituna River desilting.	Improvement	\$150,000
	New Ford Road pump station.	New	\$2,200,000
	Te Puke Stormwater Project (investigation).	Improvement	\$150,000
	Diagonal drain diesel generation.	Improvement	\$260,000
	Utuhina Stream stopbank (modelling).	Replacement	\$100,000
Year 2 (2019/2020)	April 2017 flood damage repairs.	New	\$833,800
	Pump station electronic upgrades.	Replacement	\$80,000
	Kaituna River desilting.	Improvement	\$150,000
	Kaituna River stopbank upgrade.	New	\$1,500,000
	Te Puke Stormwater Project (consent).	Improvement	\$150,000
	Utuhina Stream stopbanks (Stage 1).	Replacement	\$630,000
Year 3 (2020/2021)	Okere radial gates.	Replacement	\$210,000
	April 2017 flood damage repairs.	New	\$833,800
	Pump station electronic upgrades.	Replacement	\$20,000
Year 4 (2021/2022)	Te Puke Stormwater Project (proposed pump stations).	New	\$2,500,000
	Utuhina Stream stopbanks (Stage 2).	Replacement	\$500,000
Year 4 (2021/2022)	Lower Kaituna stopbanks (modelling).	Replacement	\$100,000
	Pump station electrical upgrades.	Replacement	\$95,000

Kaituna Catchment Control Scheme			
Year	Capital works	Type	How much
Year 5 (2022/2023)	Lower Kaituna stopbank (modelling/optioneering).	Replacement	\$100,000
	Pumps replacements.	Replacement	\$170,000
Year 6 (2023/2024)	Capacity review - Lower Kaituna.	Replacement	\$100,000
	Capacity review – Upper Kaituna.	Replacement	\$50,000
Year 7 (2024/2025)	Capital climate change.	Replacement	\$1,900,000
	Capacity review – Upper Kaituna.	Replacement	\$100,000
Year 8 (2025/2026)	Other replacements.	Replacement	\$42,000
	Stopbank reconstruction.	Replacement	\$400,000
	Renewal of consent 20074.	Replacement	\$17,500
	Climate change.	Improvement	\$350,000
Year 10 (2027/2028)	Other replacements.	Replacement	\$265,000
<b>Total</b>			<b>\$14,036,300</b>

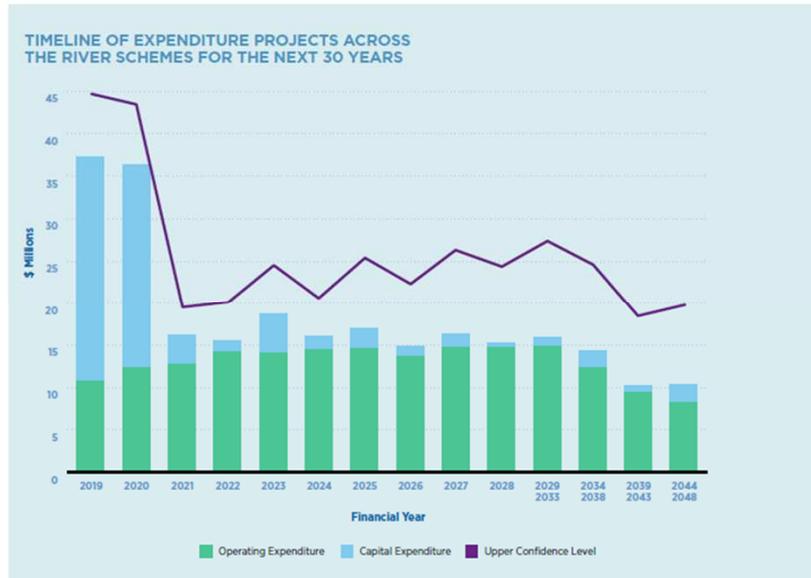
# Infrastructure Strategy (IS)

## Flood Protection and Control Works

- Identify infrastructure issues and remedial options
- 30 year timeframe
- Review every three years along side the LTP and Rivers & Drainage AMP

## Significant issues

1. Climate change
2. Residual risk to community
3. Affordability
4. Events greater than design
5. Levels of service
6. Population growth/decline
7. Geotechnical (condition assessment)
8. Land use change





# Long Term Plan 2018-2028

## Kaituna Catchment Control Scheme



# Long Term Plan (LTP)

Long Term Plan  
Te Mahere Wā-Roa  
**2018-2028**

Consultation  
Document available  
19 February 2018

Have your say  
19 February  
to 19 March

Hearings  
April

Deliberations  
May

Plan adopted  
End of June 2018

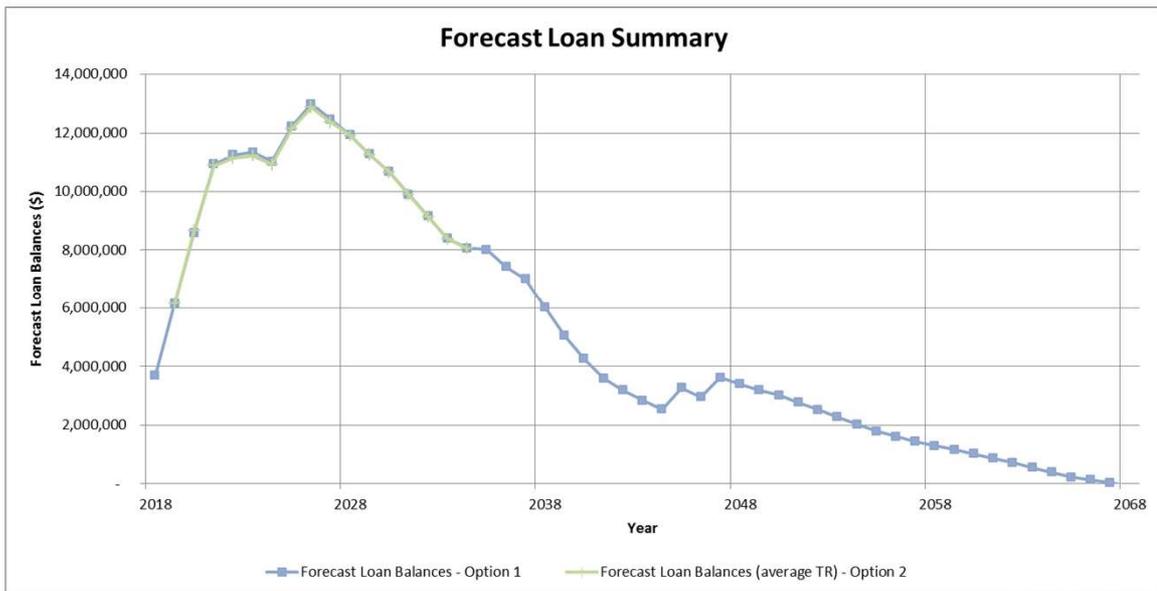


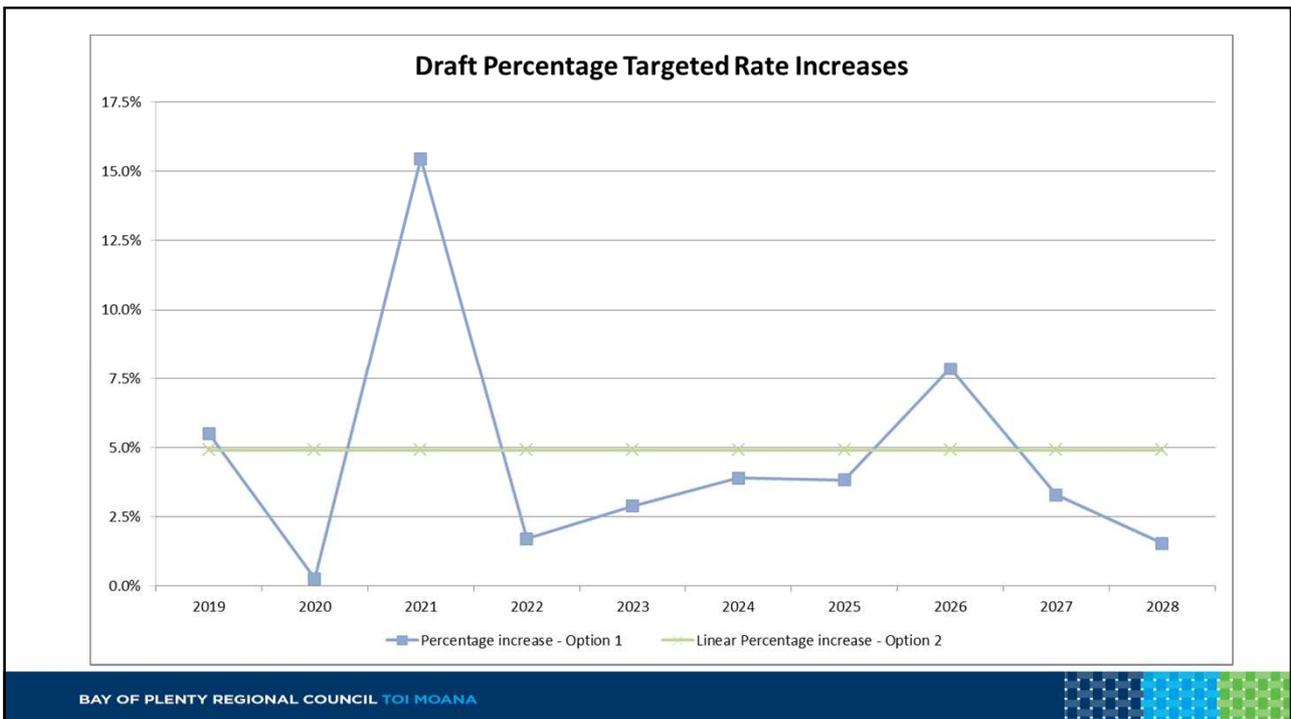
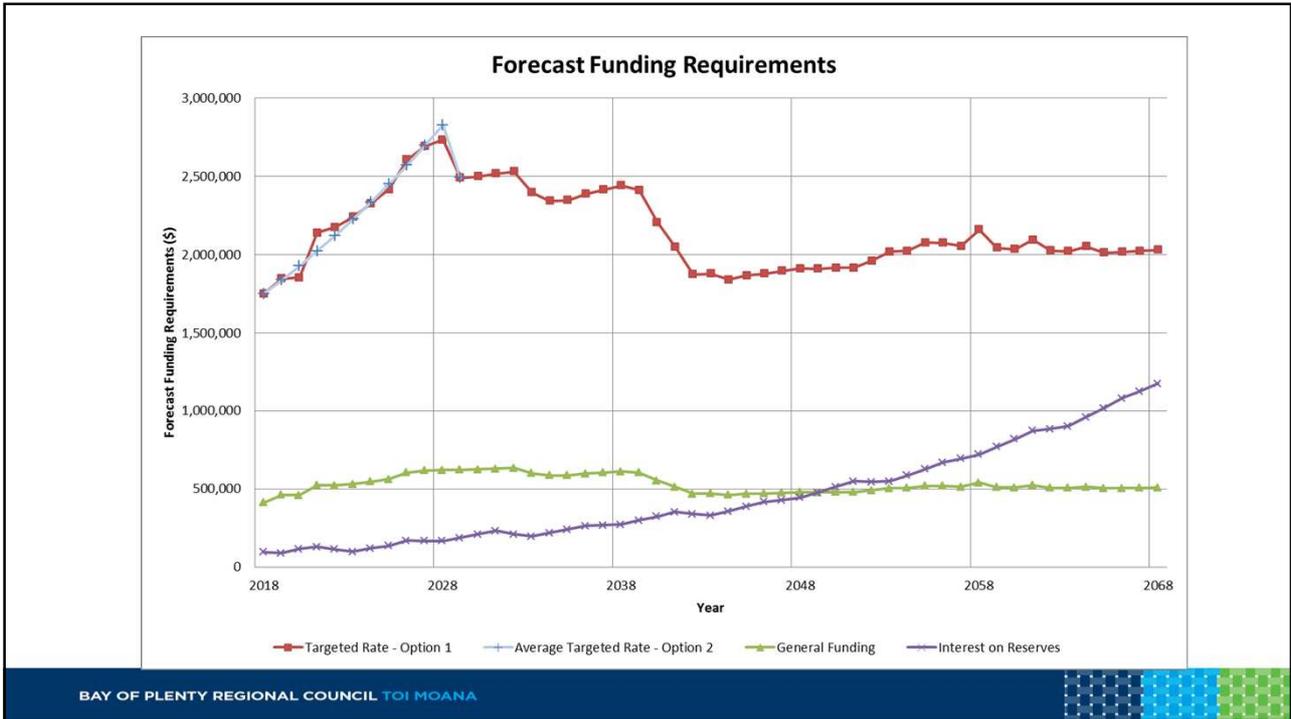
## Rivers and drainage flood recovery project

Carry out all identified repairs as soon as possible but:

Option 1: Higher rate increases in Years 1 and 2 then smaller increases from Year 3.

Option 2: Rate increases spread out over a longer period (e.g. 10 years).





## Examples ...

Boucher Avenue, Te Puke 0.0809	Option 1				Option 2			
	2017/18	Draft LTP 2018/19	Draft LTP 2019/20	Draft LTP 2020/21	2017/18	Draft LTP 2018/19	Draft LTP 2019/20	Draft LTP 2020/21
Kaituna River TP1 A	1.68	1.80	1.78	2.06	1.68	1.75	1.82	1.90
Kaituna River TP1	31.22	32.99	33.05	38.17	31.22	32.52	33.80	35.16
General Rate	67.67	65.21	65.54	69.88	67.67	65.21	65.54	69.88
UAGC	99.05	133.10	142.49	146.41	99.05	133.10	142.49	146.41
	<b>199.62</b>	<b>233.10</b>	<b>242.86</b>	<b>256.51</b>	<b>199.62</b>	<b>232.58</b>	<b>243.65</b>	<b>253.34</b>
Percentage rate increase		17%	4%	6%		17%	5%	4%

## Examples continued ...

Old Taupō Road SH5, Rotorua 0.0842	Option 1				Option 2			
	2017/18	Draft LTP 2018/19	Draft LTP 2019/20	Draft LTP 2020/21	2017/18	Draft LTP 2018/19	Draft LTP 2019/20	Draft LTP 2020/21
Kaituna River RO3 A	2.63	2.78	2.78	3.21	2.63	2.74	2.85	2.96
Kaituna River RO3	26.01	27.50	27.54	31.81	26.01	27.11	28.16	29.29
Lake Restoration rate <2ha	111.64	111.52	110.89	110.45	111.64	111.52	110.89	110.45
BOP Passenger Transport rate	34.55	61.47	63.46	65.11	34.55	61.47	63.46	65.11
BOP Air Action Plan	36.24	27.73	23.99	22.17	36.24	27.73	23.99	22.17
General Rate	35.02	50.30	50.56	53.91	35.02	50.30	50.56	53.91
UAGC	99.05	133.10	142.49	146.41	99.05	133.10	142.49	146.41
	<b>345.14</b>	<b>414.39</b>	<b>421.71</b>	<b>433.07</b>	<b>345.14</b>	<b>413.96</b>	<b>422.40</b>	<b>430.29</b>
Percentage rate increase		20%	2%	3%		20%	2%	2%

## Examples continued ...

Te Puke Highway 1.5209	Option 1				Option 2			
	2017/18	Draft LTP 2018/19	Draft LTP 2019/20	Draft LTP 2020/21	2017/18	Draft LTP 2018/19	Draft LTP 2019/20	Draft LTP 2020/21
Kaituna River C1 A	8.88	9.38	9.40	10.85	8.88	9.25	9.61	9.98
Kaituna River C1	31.22	32.99	33.05	38.17	31.22	32.52	33.80	35.16
General Rate	169.15	163.02	163.86	174.70	169.15	163.02	163.86	174.70
UAGC	99.05	133.10	142.49	146.41	99.05	133.10	142.49	146.41
	<b>308.30</b>	<b>338.49</b>	<b>348.79</b>	<b>370.12</b>	<b>308.30</b>	<b>337.89</b>	<b>349.75</b>	<b>366.24</b>
Percentage rate increase		10%	3%	6%		10%	4%	5%

## Examples continued...

Pah Road 119.1445	Option 1				Option 2			
	2017/18	Draft LTP 2018/19	Draft LTP 2019/20	Draft LTP 2020/21	2017/18	Draft LTP 2018/19	Draft LTP 2019/20	Draft LTP 2020/21
Kaituna River A1P A	24,773.12	26,183.09	26,231.00	30,287.07	24,773.12	25,810.74	26,823.73	27,896.96
Kaituna River A1P	208.12	219.96	220.36	254.44	208.12	216.83	225.34	234.36
Kaituna River A9	0.08	0.08	0.08	0.09	0.08	0.08	0.08	0.09
General Rate	1,498.27	1,443.88	1,451.31	1,547.30	1,498.27	1,443.88	1,451.31	1,547.30
UAGC	99.05	133.10	142.49	146.41	99.05	133.10	142.49	146.41
	<b>26,578.63</b>	<b>27,980.11</b>	<b>28,045.24</b>	<b>32,235.31</b>	<b>26,578.63</b>	<b>27,604.63</b>	<b>28,642.96</b>	<b>29,825.11</b>
Percentage rate increase		5%	0%	15%		4%	4%	4%

## Community LTP Consultation Events

Location	Date	Time	Venue
<b>Te Puke Community Market</b>	17 February 2018	9.00 am to 1.00 pm	Stock Road Te Puke
<b>Te Puke Stakeholder Forum</b>	21 February 2018	9.00 am to 11.00 am	The Daily Café Commerce Lane
<b>Rotorua Stakeholder Forum</b>	22 February 2018	9.00 am to 11.00 am	BOPRC's Rotorua office, 1125 Arawa St
<b>Rotorua - Rotary Market at Kuirau Park</b>	24 February 2018	7.00 am to 1.00 pm	Kuirau Park Rotorua
<b>Te Maru o Kaituna</b>	6 March 2018	TBC	TBC
<b>Pāpāmoa Dinner in the Park</b>	8 March 2018	5.30 pm to 9.00 pm	Pāpāmoa Domain
<b>Te Arawa Lakes Strategy Group</b>	9 March 2018	TBC	TBC

## Making a submission...

- Online at [www.boprc.govt.nz/ltp](http://www.boprc.govt.nz/ltp)
- By email to [ltp@boprc.govt.nz](mailto:ltp@boprc.govt.nz)
- In person at any BOPRC office
- Or freepost to:
  - Bay of Plenty Regional Council**
  - Freepost Number 122076**
  - PO Box 364**
  - Whakatāne 3158**