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**AGENDA AND SUPPORTING PAPERS  
FOR COUNCIL'S NOVEMBER MEETINGS**

**TO BE HELD IN THE OFFICES OF THE WEST COAST REGIONAL COUNCIL  
388 MAIN SOUTH ROAD, GREYMOUTH**

**MONDAY, 13 NOVEMBER 2017**

**The programme for the day is:**

**10.30 a.m:**

**Resource Management Committee Meeting**

**On completion of RMC Meeting:**

**Council Meeting**

**Councillor Workshops:**

**Long Term Plan**

# **RESOURCE MANAGEMENT COMMITTEE**

## **THE WEST COAST REGIONAL COUNCIL**

Notice is hereby given that a meeting of the **RESOURCE MANAGEMENT COMMITTEE** will be held in the Offices of the West Coast Regional Council, 388 Main South Road, Paroa, Greymouth on **Monday, 13 November 2017**

N. CLEMENTSON  
CHAIRPERSON

M. MEEHAN  
Chief Executive Officer

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# 2.1

## THE WEST COAST REGIONAL COUNCIL

### **MINUTES OF THE MEETING OF THE RESOURCE MANAGEMENT COMMITTEE HELD ON 10 OCTOBER 2017, AT THE OFFICES OF THE WEST COAST REGIONAL COUNCIL, 388 MAIN SOUTH ROAD, GREYMOOUTH, COMMENCING AT 10.30 A.M.**

#### **PRESENT:**

N. Clementson (Chairman), A. Robb, P. Ewen, A. Birchfield, T. Archer, S. Challenger, J. Douglas

#### **IN ATTENDANCE:**

M. Meehan (Chief Executive Officer), R. Mallinson (Corporate Services Manager), R. Beal (Operations Manager), G. McCormack (Consents & Compliance Manager), N. Costley (Strategy & Communications Manager), H. Mills (Planning Science & Innovation Manager), T. Jellyman (Minutes Clerk)

#### **1. APOLOGIES**

**Moved** (Robb / Archer) *That the apologies from Cr McDonnell and F. Tumahai be accepted.*

*Carried*

#### **2. PUBLIC FORUM**

There was no public forum.

#### **3. MINUTES**

**Moved** (Challenger / Archer) *that the minutes of the previous Resource Management Committee meeting dated 12 September 2017, be confirmed as correct.*

*Carried*

#### **Matters Arising**

Cr Ewen asked if there has been any progress on the compliance matter at Ross. G. McCormack advised that the investigation has now concluded, a report has been given to the Chief Executive and a decision regarding prosecution will be made next week. Cr Ewen stated that he had asked if the operator had provided Council with a work programme and was informed that he had not.

#### **4. CHAIRMAN'S REPORT**

There was no Chairman's report.

#### **5. REPORTS**

##### **5.1 PLANNING AND OPERATIONS GROUP**

##### **5.1.1 PLANNING REPORT**

H. Mills spoke to this report.

**Moved** (Ewen / Birchfield) *That the report is received.*

*Carried*

### 5.1.2 PROPOSED REGIONAL POLICY STATEMENT - HEARING PANEL COMPOSITION

H. Mills spoke to this report and advised that the purpose of the report is to agree on the composition of the hearing panel. Cr Archer stated that it seems a little silly to appoint a panel to sit through a whole hearing, decide an outcome and then Council can torpedo it without even participating in the process. M. Meehan agreed, but stated that ultimately Councillors have the decision making power. Discussion ensued and it was noted that the whole hearing and decision making process could take up to five weeks in total.

**Moved** (Archer / Robb)

*That the Committee agrees to appoint under s34A of the RMA, a hearing panel made up of two Councillors and three independent commissioners, including one commissioner with an understanding of tikanga Maori, to hear and make decisions on the submission on the Regional Policy Statement.*

*Carried*

### 5.1.3 REEFTON AIR QUALITY SUMMARY

H. Mills spoke to this report and advised that to date there have been no exceedances of the NES for PM<sub>10</sub> in Reefton this winter. He stated that by May 2018 it is likely that there will be a firm direction from MfE on the new NES for air quality.

**Moved** (Archer / Ewen)

*Carried*

### 5.1.4 HYDROLOGY AND FLOOD WARNING UPDATE

H. Mills spoke to this report and advised a moderately heavy rainfall event in the Buller district produced flood alarms on the some rivers along with a minor event on the Grey River on 18 September. H. Mills advised that the minor problem with the flood warning Twitter alert has now been resolved and is now up and running again.

**Moved** (Birchfield / Challenger)

*Carried*

### 5.2.1 CONSENTS MONTHLY REPORT

G. McCormack spoke to this report and advised that 11 non notified resource consents were granted during the reporting period.

G. McCormack reported that all whitebait resource consents have now been received and are expected to be determined by the end of October.

G. McCormack advised that the Te Kuha Mine hearing has now been adjourned with a decision expected within the next two months or so.

**Moved** (Archer / Robb) *That the October 2017 report of the Consents Group be received.*

*Carried*

### 5.2.2 COMPLIANCE & ENFORCEMENT MONTHLY REPORT

G. McCormack spoke to this report and advised that 31 site visits were carried out during the reporting period.

G. McCormack reported that 37 formal warnings were issued, 35 of which were for gravel contractors who have not submitted their gravel volume returns. G. McCormack reported that four work programmes have been received during the reporting period.

Cr Birchfield expressed concern regarding the letters sent out to gravel contractors for failing to submit their gravel returns. G. McCormack advised that gravel returns must be submitted as this is a consent condition. He stated that Council needs to understand how much gravel has been taken from each river. M. Meehan stated that resource consents cannot be processed without knowing how much gravel has been taken from a particular river as Council must keep an accurate record otherwise it could be assumed that the contractor has taken the amount allowed in their consent conditions. This could then mean that another applicant is declined. Cr Birchfield stated that he would like to see gravel extraction become a permitted activity with rules.

Cr Birchfield moved that gravel extraction becomes a permitted activity. Further discussion ensued, M. Meehan spoke of the considerable work that has been done in this area and spoke of prosecutions that have been taken in relation to gravel extraction. Cr Archer called a Point of Order as there was currently a motion on the floor which has not been seconded. Cr Ewen seconded the motion. Cr Archer stated that to make gravel extraction a permitted activity is a huge step too far and he does not support the recommendation. Cr Birchfield stated he would like a report from staff on this matter. Cr Ewen agreed that this needs to be workshopped first. M. Meehan suggested that a workshop is held prior to the December Council meeting. G. McCormack advised that there are two issues; whether or not gravel extraction should be a permitted activity, and also the costs to the contractor. He stated that the cost to the contractor could be dealt with via the Long Term Plan.

Cr Robb moved an amendment to Cr Birchfield's motion.

**Moved** (Robb / Archer)

*That the Council conducts a workshop to work through the issues relating to RMA charges for gravel extraction in the Long Term Plan.*

*Carried.*

Cr Ewen asked for an update regarding the complaint about cows in a waterway at Barrytown. G. McCormack offered to follow this up after the meeting.

Cr Challenger asked for maps relating to the opening of Hou Hou Creek. It was agreed that these would be supplied.

Cr Birchfield stated that Crescent Creations Ltd prosecution should have been sorted out on site, as this was a day's work on a digger. Cr Birchfield expressed his concern at what this could cost. G. McCormack responded that Crescent Creations elected to have a jury trial, this then became a Crown matter and the Crown bears the costs. There were some Solicitors costs but they were less than the \$17,000 fine. G. McCormack advised that even though Crescent Creations elected a jury trial, they then decided to plead guilty and a lot of the costs were associated with their own work which they decided to do. G. McCormack advised that Council offered Crescent Creations a resolution, which they then accepted a year later, which was to plead guilty and the charges against Mr Wang would be dropped but at the time, they decided not to do this. He stated that Crescent Creations then spent a lot more money on investigations and solicitors fees, this was their choice, and then ultimately they pled guilty to exactly the same terms that G. McCormack wrote to them with this time last year. G. McCormack stated that Council was very reasonable over this case. M. Meehan advised that this matter has now been dealt with in accordance with the Enforcement Policy and the rules that Council works with. He stated that the company has ended up pleading guilty and they now want to go through mediation. Cr Ewen stated that G. McCormack has clarified the issue, and this could have been resolved 12 months ago. Cr Archer stated that Council is an enforcement agency and has no option but to enforce its plans. He stated that Council proposed a reasonable process to resolve this matter and the offender chose to ignore this and go through an extended legal process, which is their right. Cr Archer stated Council's last option is legal proceedings and in this case Council has gone through exactly the right processes.

**Moved** (Archer / Challenger)

*1. That the October 2017 report of the Compliance Group be received.*

- 2. *That the bonds for RC98024, RC-2016-0037 Blakely Mining Ltd and RC-2015-0030 Alluvial Mining (No 2) are released.*

*Carried*

**GENERAL BUSINESS**

Cr Clementson acknowledged that today is G. McCormack’s last day. He thanked G. McCormack and S. Jones for their work and wished them both well for the future.

The meeting closed at 11.12 a.m.

.....  
Chairman

.....  
Date

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Resource Management Committee – 13 November 2017  
Prepared by: Lillie Sadler - Planning Team Leader  
Date: 06 November 2017  
Subject: **Planning Report**

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**Proposed Regional Policy Statement**

Following on from the 12 September workshop for Councillors and iwi representatives on recommended changes to the Proposed RPS, the amended document is having a legal review of the changes carried out, including the matters raised at the workshop. This should be completed shortly. The draft Staff Recommending Report is being edited, and prospective independent and iwi panellists are being considered for the Hearings Panel. Staff are aiming to hold hearings in April-May 2018.

**Proposed Plan Change 1**

In response to submissions and further submissions on Proposed Plan Change 1, further work has been undertaken on assessing submission points raised in relation to the wetlands boundary adjustments, and the proposed change relating to sphagnum moss harvesting. On the latter, a medium Envirolink grant was obtained for Landcare Research to provide advice on the effects of sphagnum moss harvesting on scheduled wetlands. This included a literature review and site visits to areas previously harvested.

A workshop was then held with key participants to discuss the Landcare research report and next steps forward to address submitters concerns. Staff are reviewing feedback from the workshop participants and this will be incorporated into recommendations on the Plan Change. In addition, a draft of the Staff Recommending Report has been prepared. We are aiming to hold hearings in May/June 2018.

**"Our Atmosphere and Climate 2017" report**

As reported on at the October Resource Management Committee meeting, the Ministry for the Environment (MFE) has released its "Our Atmosphere and Climate 2017" report as part of the Environmental Reporting Series by MFE and Statistics New Zealand. In line with the aims of the Environmental Reporting Act 2015, the report summarises indicators of climate change in New Zealand. The main findings include:

- New Zealand has the fifth-highest level of emissions per person of the 35 countries in the Organisation for Economic Cooperation and Development.
- New Zealand's gross greenhouse gas emissions rose 24 percent from 1990 to 2015, with most of the increase having occurred by 2005, and mostly coming from road transport and agricultural production.
- At the same time, our net greenhouse gas emissions rose 64 percent, as a result of increasing gross emissions and higher logging rates in production forests.
- Atmospheric carbon dioxide concentrations measured at Baring Head, near Wellington, increased 23 percent from 1972 to 2016, matching global trends.
- 2016 was New Zealand's warmest year since at least 1909, and the five warmest years on record have occurred in the last 20 years.
- The number of frost days (below 0 degrees Celsius) decreased and the number of warm days (over 25 degrees Celsius) increased at around one-third of measured sites over the period 1972–2016.
- Data show sunshine hours increased across New Zealand largely because of reduced cloud cover, and some locations experienced changes in seasonal rainfall and extreme wind and



rainfall events, however longer-term data is needed to confirm if humans are contributing to these trends.

- Coastal sea levels have risen by up to 22 centimetres, depending on location, over the last century, consistent with global trends.
- From 1977 to 2016, it is estimated our glaciers lost almost 25 percent (13.3 cubic kilometres) of their ice volume.

The report focuses on climate change and exposure to ultraviolet sunlight because the dominant issue for atmosphere and climate is human-induced climate change.

The implications of atmospheric and climate change for each region are not discussed in this report, and MFE make it clear that the report is not primarily about future climate projections. However, a general statement is made that: *"New Zealand's climate will continue to warm in the short term due to the cumulative effect of past emissions of greenhouse gases, such as carbon dioxide, which can persist in the atmosphere for thousands of years."*

Below is a link to the report:

<http://www.mfe.govt.nz/sites/default/files/media/media/our-atmosphere-and-climate-2017-final.pdf>

## **RECOMMENDATION**

*That the report is received*

Hadley Mills

**Planning, Science and Innovation Manager**

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Resource Management Committee – 13 November 2017  
Prepared by: Lillie Sadler – Planning Team Leader  
Date: 31 October 2017  
Subject: **Proposed Regional Coastal Plan – Extension of Time**

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**Purpose**

To provide an update on the Proposed Regional Coastal Plan (Proposed RCP), and seek Councils' approval for an extension of time to release decisions.

**Background**

Council notified the Proposed RCP in January 2016. Twenty seven submissions were made on the Proposed RCP with 26 further submissions received by December 2016.

**Where we are at**

Over the past year, staff have reviewed the submissions on the RCP, investigated some of the key issues raised and commenced drafting the Staff Recommending Report. However, work on the RCP was generally placed on hold as the priority has been to progress the Proposed Regional Policy Statement (RPS). Between September 2016 and May 2017 staff were involved with numerous pre-hearing meetings on the RPS, as well as three collaborative workshops to further discuss and resolve points raised by submitters.

**Extension of timeframe to release decisions**

Section 10(4)(a) of the First Schedule of the RMA states that the Council must give its decisions on the Proposed RCP no later than two years after notification, which will be 25 January 2018. However, section 37(1) enables the Council in any particular case to extend the time period, and for this case up to two years.

An amendment to the RMA requiring the Minister's approval for an extension of time on releasing plan decisions came into effect on 18 October 2017. However, as the RCP was publically notified prior to 18 October, the requirement for ministerial approval does not apply.

While it is not anticipated that it will take another two years to release decisions on the RCP, this provides additional time to hold pre-hearing meetings with key submitters, and if appropriate, a collaborative workshop on the main issues to further consider the submitter's concerns and reach outcomes that are more mutually agreeable. This reduces the risk for appeals after decisions have been released.

If Council approves the extension, staff will notify those parties who either submitted on the Proposed RCP, or made further submissions, about the extension.

At this stage it is anticipated that hearings on the RCP will be held in the later part of 2018.

**RECOMMENDATIONS**

*That Council:*

- 1. Receives this report; and*
- 2. Resolves to extend the time to release decisions for two years, to 1 December 2019, on the Proposed Regional Coastal Plan.*

Hadley Mills  
**Planning, Science and Innovation Manager**

Prepared for: Resource Management Committee 13 November 2013  
 Prepared by: Cassidy Rae – Trainee Administrator  
 Date: 30 October 2017  
**Subject: CONSENTS MONTHLY REPORT**

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Consents Site Visits undertaken 27 September – 30 October 2017

25-10-2017 RC13146-V1 - Birchfield Ross To view current discharge configuration with Mining Limited, Variation to Council Engineer.  
 CMA Discharge.

9 Non-Notified Resource Consents were Granted 27 September – 30 October 2017

<b>CONSENT NO. &amp; HOLDER</b>	<b>PURPOSE OF CONSENT</b>
RC-2017-0050 Griffin Creek Hydro Limited	To disturb the bed of Griffin Creek to install a small hydro electricity generation scheme at Wainihinihi.  To discharge water containing contaminants to Griffin Creek from a hydro electricity generation at Wainihinihi.
RC-2017-0090 NP & DM Avery	To alter the foreshore/seabed to construct and maintain costal protection works at the Orowaiti Lagoon.  To occupy space in the Coastal Marine Area (CMA) with coastal protection works at the Orowaiti Lagoon.  To construct coastal protection works (rock wall and groynes) in the CMA at the Orowaiti Lagoon.  To deposit material (rock) in the CMA associated with coastal protection works at the Orowaiti Lagoon.
RC-2017-0097 Utopia Horizon Investments Limited	To disturb the Coastal Marine Area (CMA) for the purpose of removing sand/gravel, North Beach, Westport.
RC-2017-0101 PF Olsen Limited	To disturb land, including on slopes greater than 25 degrees, associated with the management and harvesting of exotic forest, land preparation, constructing sections of road, constructing log processing sites and constructing hauler pads, Snowy River.  To disturb the bed and banks of Snowy River to install and Remove a temporary ford.  To discharge stormwater containing sediment to land in circumstances where it may enter water and water from land preparation, roading, temporary ford installation and removal, construction of log processing and hauler sites and harvesting activities, Snowy River.
RC-2017-0109 West-Trak Equipment Limited	To take and use groundwater for commercial/industrial use, Westport.
RC-2017-0111 Buller District Council	To disturb the bed of Mawheraiti River to undertake protection works (spurs and stream training).  To temporarily and permanently divert water in the Mawheraiti River from protection structures and as a result of stream training.  To temporarily discharge sediment to water associated with the construction of river protection and stream training works, Mawheraiti River.

RC-2017-0113 Paul Steegh Contracting Limited	To disturb the dry bed of Deep Creek, Kotuku for the purpose of removing gravel.
RC-2017-0115 Henry Adams Contracting Limited	To discharge contaminated soil and demolition waste to land that may contain asbestos, Houhou Creek, Hokitika.
RC-2017-0119 New Zealand Transport Agency	To disturb the riparian margins of Maimai Creek to undertake river protection works.  To disturb the bed of Maimai Creek to undertake protection works (rock rip-rap and stream training).  To temporarily and permanently divert water in the Maimai Creek.  To temporarily discharge sediment to water associated with the construction of river protection and stream training works, Maimai Creek.

Whitebait Update: All limited notified whitebait stand renewal applications have now been processed and issued.

1 Changes to and Reviews of Consent Conditions were Granted 27 September – 30 October 2017

<b>CONSENT NO. &amp; HOLDER</b>	<b>PURPOSE OF CHANGE/REVIEW</b>
RC10269-V1 Griffin Creek Hydro Limited	To increase volume of surface water take from Griffin Creek for hydro electricity generator.

No Notified or Limited Notified Resource Consents were granted between 27 September – 30 October 2017

Public Enquiries

44 written public enquiries were responded to during the reporting period. 32 (73%) were answered on the same day, and the remaining 12 (27%) within the next ten days.

**RECOMMENDATION**

*That the November 2017 report of the Consents Group be received.*

Heather McKay  
**Consents & Compliance Manager**

Prepared for: Resource Management Committee – 13 November 2017  
 Prepared by: Heather McKay – Consents & Compliance Manager  
 Date: 1 November 2017  
 Subject: **COMPLIANCE & ENFORCEMENT MONTHLY REPORT**

**Site Visits**

A total of 102 site visits were undertaken during the reporting period, which consisted of:

Activity	Number of Visits
Resource consent monitoring	75
Mining compliance & bond release	4
Complaint related	16
Dairy farm	7

Out of the 102 total site visits, 90 visits were compliant, 10 visits were non-compliant.

• **Mining visits**

Gold Mining: 4 alluvial gold mining inspections were carried out during the month.

• **Dairy Farms**

Seven dairy farm inspections were undertaken.

- **Whitebait:** Inspections were undertaken on the Hokitika, Taramakau, Little Wanganui and the Mokihinui Rivers during the reporting period. There were no issues arising as a result of the inspections.

**Complaints/Incidents between 28 September 2017 & 1 November 2017**

The following 16 complaints/incidents were received during the reporting period:

Activity	Description	Location	Action/Outcome	INC/Comp
Discharge to land	Complaint regarding the discharge of bailing wrap and effluent to land from a dairy farm standoff area.	Kokatahi	The site was inspected and established that there was no breach of the Regional Rules.	Complaint
Gold Mining	Complaint received that a gold miner is operating outside of their consented hours.	Hokitika	The site was inspected and found that the site was operating outside of their consented hours. This breached their Westland District Council consent conditions. Enforcement action is pending	Complaint
Discharge to water	Complaint received that a river was discoloured with sediment.	Marsden	The area was investigated and the source of the sediment was unable to be established.	Complaint
Dairy effluent	A farmer reported that they had a pump failure which caused the dairy shed effluent sump to overflow.	Harihari	The farmer was issued with a formal warning for the discharge of effluent.	Incident

Activity	Description	Location	Action/Outcome	INC/Comp
Discharge to water	Complaint received that there was oil in the Greymouth harbour.	Greymouth	The site was investigated and the complaint was not substantiated.	Complaint
Discharge to water	Complaint received that there was oil in the Greymouth harbour.	Greymouth	The site was investigated and found that oil had discharged into the Harbour from a storm water drain.	Complaint
Discharge to water	Complaint received that there was floating scum and foam in the Hokitika River	Hokitika	The site was investigated and found that a floating scum was present in the river. Follow up enquiries are being made.	Complaint
Discharge to water	A second complaint received that there was floating scum and foam in the Hokitika River	Hokitika	The site was investigated and found that a floating scum was present in the river. Follow up enquiries are being made with WMP.	Complaint
Stock access to water	Complaint received that stock were accessing a water body.	Hokitika	There was no breach of the rules however the farmer was going to erect a hot wire to restrict stock access.	Complaint
Discharge to land	Complaint regarding the burial of dead calves on the boundary of a paddock and the Karamea river.	Karamea	The site was investigated and the recommendations for further action are under review.	Complaint
Discharge to water	Complaint received that there was oil in the Buller River.	Buller	The site was investigated and the recommendations for further action are under review.	Complaint
Works in the Greymouth Earthworks Controlled Area	Complaint regarding the removal of vegetation from a house pad in the Greymouth Earthworks Controlled Area	Greymouth	The site was investigated and the recommendations for further action are under review.	Complaint
Discharge to water	Complaint received that the Okari river was discoloured with sediment	Buller	The site was investigated and the complaint was not substantiated.	Complaint
Works in the bed of a river	Complaint received that a contractor has diverted the Waimangaroa River.	Waimangaroa	The site was investigated and established that the contractor diverted the river to allow bank reinstatement work further downstream. The diversion was unauthorised work so enforcement action is pending	Complaint
Discharge to water	Complaint received that oil was present in the waterbody.	Deadmans Creek	The site was investigated and no discharge was found. No further complaints received.	Complaint

Activity	Description	Location	Action/Outcome	INC/Comp
Discharge to water	Complaint received regarding discharges from a stormwater outlet into the Hokitika River.	Hokitika	The site was investigated and no discharge was found. Monitoring of outlet ongoing.	Complaint

### **Formal Enforcement Action**

**Formal warnings:** Six formal warnings were issued during the reporting period

Activity	Location
Discharge of dairy effluent from an overflowing sump.	Harihari
Gravel Extraction: 5 warnings issued to several contractors for failing to supply their gravel volume returns.	South Westland

### **Mining Work Programmes and Bonds**

The Council received the following five work programmes during the reporting period. Two work programmes have been approved. The remaining work programmes require a site visit to be undertaken prior to approval or they have just been recently received.

Date	Mining Authorisation	Holder	Location	Approved
02-10-17	RC-2015-032	Phoenix Minerals Ltd	Callaghans	Yes
02-10-17	RC12035	MS Moore Contracting Ltd	Inangahua	Yes
24-10-17	RC11212	Phoenix Mining Ltd	New River	In progress
25-10-17	RC-2017-004	Red Jack Resources Ltd	Arahura Valley	In progress
25-10-17	RC08109	MR Mills	Atarau	In progress

### **The following bonds are recommended for release**

Mining Authorisation	Holder	Location	Amount
RC98024	Alluvial mining No. 2 Ltd	Woods Creek	\$27,000

No bonds were received during the reporting period.

### **RECOMMENDATIONS**

1. That the November 2017 report of the Compliance Group be received.
2. That the bond for RC98024 held by Alluvial Mining No.2 Ltd for Woods Creek is released.

Heather McKay  
**Consents and Compliance Manager**

# **COUNCIL MEETING**



## THE WEST COAST REGIONAL COUNCIL

Notice is hereby given that an **ORDINARY MEETING** of the West Coast Regional Council will be held in the Offices of the West Coast Regional Council, 388 Main South Road, Greymouth on

**Monday, 13 November 2017** commencing on completion of the Resource Management Committee Meeting

A.J. ROBB  
CHAIRPERSON

M. MEEHAN  
CHIEF EXECUTIVE OFFICER

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<b>7.</b>		<b>GENERAL BUSINESS</b>

**MINUTES OF THE MEETING OF THE COUNCIL HELD ON 10 OCTOBER 2017,  
AT THE OFFICES OF THE WEST COAST REGIONAL COUNCIL, 388 MAIN SOUTH ROAD, GREYMOUTH,  
COMMENCING AT 11.45 A.M.**

**PRESENT:**

A. Robb (Chairman), N. Clementson, P. Ewen, A. Birchfield, T. Archer, S. Challenger

**IN ATTENDANCE:**

M. Meehan (Chief Executive Officer) R. Mallinson (Corporate Services Manager), G. McCormack (Consents & Compliance Manager), R. Beal (Operations Manager), H. Mills (Planning Science & Innovation Manager), N. Costley (Strategy & Communications Manager), T. Jellyman (Minutes Clerk)

**1. APOLOGIES:**

**Moved** (Ewen / Challenger) *That the apology from Cr McDonnell be accepted.*

*Carried*

**2. PUBLIC FORUM**

There was no public forum.

**3.1 CONFIRMATION OF MINUTES**

**Moved** (Archer / Challenger) *that the minutes of the Council Meeting dated 12 September 2017, be confirmed as correct, with the removal of Cr Clementson's name as he was an apology.*

*Carried*

**Matters arising**

Cr Ewen asked if Buller District Council are now not included in the proposed One District Plan. M. Meehan advised that Buller District Council has some concerns around governance and a fear of losing local perspective. M. Meehan advised that he has spoken with Mayor Howard and he has assured him that they are still in. He stated that the Local Government Commission has advised that if Buller is out, their funding will remain in place. Further discussion ensued.

**REPORTS:**

**4.1 ENGINEERING OPERATIONS REPORT**

R. Beal spoke to this report and advised that the working group have all now signed the Terms of Reference for the Buller River Flood Consultation project.

Cr Archer stated that he is unsure how the Gravity Ngakawau Hector erosion issue is going to be advanced as a response to questions raised is required. Cr Archer spoke extensively of the issues in this area and stated that adopting the Niwa Report is not addressing the issues. R. Beal advised that he is working with a colleague at Buller District Council to try to get some answers circulated to the community. Extensive discussion took place. Cr Archer stated that the majority of the community does not want to relocate. He stated they are a strong community, they understand fully the issues they are facing but the costs that have been put by the Council to the community are way beyond their financial reach. M. Meehan advised that in the past Council has done work on these types of natural hazards, and has looked at options for the community and have provided this as part of becoming a potential rating district. M. Meehan stated that Council has been very upfront with the community and have advised them that there is no silver bullet in this case. He stated that the community now wants to go ahead and do work on their own, but this would only be a temporary fix.

Cr Archer asked if Buller District Council is being kept informed of progress with the Buller River Flood Protection Consultation. R. Beal responded that he has been providing information but they are currently very busy with other matters.

#### **4.1.2 GREYMOUTH FLOODWALL AND COBDEN FLOOD PROTECTION WORKS**

R. Beal spoke to this report and advised that the annual meeting of the Greymouth Joint Floodwall Committee (GJFC) was held on 12 September with the below recommendations coming out of this meeting. R. Beal advised that projected costs of this work could be approximately \$400,000 but this figure would include the costs of the floodwall repairs. He stated that a loan of \$600,000 could be required if all of the recommendations were implemented. R. Mallinson suggested that a fifth recommendation is added, that Council agrees to borrow up to \$600,000.

Cr Ewen stated that he has an issue with the fourth recommendation. He stated that he asked at the meeting of the GJFC in September if this was a new meeting and was assured that it was a new meeting and not a reconvened meeting. Cr Ewen is concerned about who is likely to Chair the meeting in February as the Chair rotates each meeting. It was agreed that the fourth recommendation would be changed to "a new meeting, and this meeting would be chaired by Mayor Kokshoorn. R. Beal and M. Meehan answered questions from Councillors relating to repair work and proposed work in the Greymouth rating district.

R. Mallinson advised that if Council did borrow \$600,000 the impact per \$100,000 of capital value in the Greymouth Rating District would be an extra \$7 per \$100,000 of capital value.

**Moved** (Ewen / Birchfield)

1. *That this report be received.*
2. *Implement the protection works as per recommendation.*
3. *GDC is reimbursed for incurred costs and upgrade of the Tarry Creek pump station through the Greymouth Rating District.*
4. *That the Greymouth Joint Floodwall Committee convenes a new meeting in February 2018 (13 February TBC), to examine the effectiveness of the above works.*
5. *That Council agrees to borrow up to \$600,000, on an interest only basis until 30 June 2018.*

*Carried*

#### **4.2 CORPORATE SERVICES MANAGER'S MONTHLY REPORT**

R. Mallinson spoke to this report and advised that the surplus for the two months is \$327,000.

**Moved** (Archer / Challenger) *That the report be received.*

*Carried*

##### **4.2.1 ADOPTION OF AUDITED ANNUAL REPORT 2016 / 17**

R. Mallinson spoke to this report and advised that the letter of representation will be signed after today's meeting.

**Moved** (Archer / Birchfield)

*That Council formally adopts the Annual Report for the 2016 / 17 year pursuant to Section 98 of the Local Government Act 2002*

*Carried*

##### **4.2.2 INTERIM AUDIT MANAGEMENT REPORT 2016 / 17**

R. Mallinson spoke to this report. He stated that he is happy with the findings in this report. He answered questions from Councillors.

*That the Interim Audit Management Report for 2016 / 17 be received.*

*Carried*

**4.3 LEAVE OF ABSENCE – 13 NOVEMBER 2017 MEETING**

Cr Archer left the table for this item.

**Moved** (Ewen / Challenger)

*That Council grants Councillor Archer a leave of absence from attending the 13 November 2017 scheduled Council meeting.*

*Carried*

**5.0 CHAIRMANS REPORT**

The Chairman spoke to his report. He stated that work that has been done by the Governance Group is now starting to take shape with the groups involved now starting to work together.

The Chairman spoke of the work being done with the Visiting Drivers Governance Group. Discussion took place on ways to improve driver education such as directional arrows and passing lanes. The Chairman spoke of the importance of the work that the Regional Transport Committee does in this area.

The Chairman reported that some very good options have come out of the meeting of the Franz Josef Working Group. He stated that good questions were asked and those present have now gained a good understanding of what the future holds for this area. The Chairman stated that the Waiho River is the biggest issue the area is facing. Cr Archer asked where the decision making lies and if this is with the community or the district council. The Chairman advised that the next step is for the community to come up with what they want to do and then to have conversations with those involved. He stated that Franz Josef is the third reason why visitors come to New Zealand and this is of economic value to wider New Zealand, not just to the West Coast. Extensive discussion ensued relating to roads, the river, relocation options and potential earthquakes.

**Moved** (Robb / Clementson) *that this report is received.*

*Carried*

**6.0 CHIEF EXECUTIVE’S REPORT**

M. Meehan spoke to his report and advised that his involvement with the water issue in Westport was from the Civil Defence perspective. He stated that the situation is better than it was a few weeks ago.

M. Meehan spoke of his recent visit to Edgecumbe and Matata. He stated that it was very interesting and sobering to see the level of devastation that these types of events can cause. M. Meehan spoke of the issues currently being faced by the Bay of Plenty Regional Council following this flood event.

M. Meehan reported that he also visited coastal areas that are facing similar coastal erosion issues as those currently affecting the Buller region.

M. Meehan spoke of the work streams that are coming out of the LGNZ Policy Advisory Group and advised that the LGNZ Roadshow is being hosted here this afternoon.

M. Meehan reported that he and H. Mills attended a hui at Arahura Marae. He stated that this was very useful hui and he will be meeting with Ngai Tahu staff again in a few weeks’ time, after which a further hui will be held.

**Moved** (Archer / Challenger) *that this report is received.*

*Carried*

**GENERAL BUSINESS**

There was no general business.

The meeting closed at 1.00 p.m.

.....  
Chairman

.....  
Date

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: 13 November 2017 - Council Meeting  
 Prepared by: Nichola Costley – Manager Strategy and Communications  
 Date: 2 November 2017  
 Subject: **Variation 3 to the West Coast Regional Land Transport Plan 2015 - 21**

**Purpose**

This paper requests a variation to the Buller District Council programme in the RLTP to enable funding for the Wangapeka Link Road Strategic Case.

**Background**

For some time there has been interest in building a road between Buller at Little Wangapeka and Tasman at Wangapeka. The 56 kilometre road would provide a more direct connection to Nelson from Karamea, almost halving the driving distance, and another road link north.

The road link is likely to traverse the Kahurangi National Park and would need to pass through and over mountainous terrain. The construction costs and environmental impacts may be high. There may also be significant benefits from increased visitor numbers and expenditure, improved route security and flow-on benefits to the Buller District and businesses.

The Tai Poutini Economic Development Action Plan identified the requirement for a Strategic Case to be developed to assess the feasibility of constructing the road and to determine whether the benefits are likely to exceed the costs. Work has been completed that considers the extent and scale of potential opportunities along the route and how these might be realized, as well as potential negative impacts on other areas that might result from a displacement of visitor and freight flows.

The Strategic Case was funded by the Buller District Council, NZ Transport Agency and the Ministry for Business, Innovation and Employment.

This variation seeks to close the paperwork requirements for the Buller District Council to be able to access funding required for their share of this project.

**Activity for inclusion in the RLTP**

The following additional activity is requested for inclusion in the RLTP.

Activity Class	Project Name	Start Year	End Year	Total Cost for all years	Total Cost BDC	Other funding
Business Case Phase	<i>Wangapeka Link Road</i>	17/18	17/18	\$53,500	\$17,766	\$17,766 (MBIE)

**Assessment of significance**

A Regional Land Transport Plan may be prepared at the request of an approved organisation or the transport agency where there is good reason to do so. Consultation is not required if the activity is deemed to be "not significant".

In this case the variation does not trigger the significance policy.

In light of the above information it is requested that the amendment be made to the RLTP without the need for public consultation.

**Regional Transport Committee Support**

The West Coast Regional Transport Committee (RTC) reviewed the Variation sought at their meeting on 2 November 2017. The RTC made the following recommendations:

*That the West Coast Regional Transport Committee:*

- (i) Notes that this variation does not require further consultation due to the nature of the project and its value;*
- (ii) Recommends this variation to the West Coast Regional Council for its consideration.*

## **RECOMMENDATIONS**

*That Council*

- 1. Approves the variation to the Regional Land Transport Plan 2015 – 21 for the inclusion of the Wangapeka Road Link; and*
- 2. Submits the variation to the West Coast Regional Land Transport Plan 2015 – 21 to the New Zealand Transport Agency.*

Nichola Costley

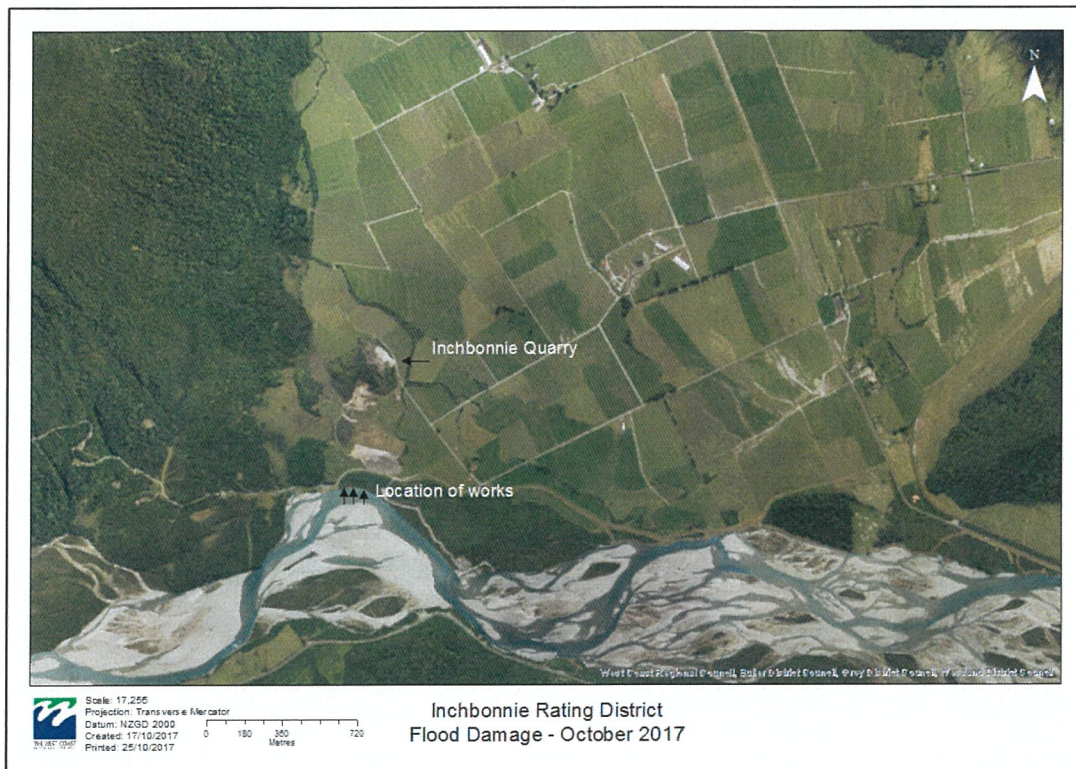
**Manager Strategy and Communications**

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Council Meeting – 13 November 2017  
 Prepared by: Paulette Birchfield – Engineer, Brendon Russ - Engineer  
 Date: 25 October 2017  
 Subject: **ENGINEERING OPERATIONS REPORT**

**WORKS COMPLETED AND WORKS TENDERED FOR**Inchbonnie Rating District

Tenders for the construction of 3 new groynes (approximately 1,200t) closed on 6 October 2017. The tender has been awarded to GH Foster contracting for \$30,600 (G.S.T exclusive). Construction has started and should be completed by 3 November 2017.

Taramakau Rating District

The tender for the long term maintenance contract for this rating district closed on 24 October 2017. This contract will involve the supply, cart and placement of rock protection for 3 years with the option of adding an additional 2 years. Three tenders were received and provided to the Taramakau Rating District with a recommendation that Henry Adams Contracting be awarded the contract at the lowest price of \$17.50/T (GST exclusive).

Mokihinui Rating District

This work involving the top up of the Mokihinui sea wall was completed by S M Lowe Contracting at a price of \$2,110.25 (incl GST).

**FUTURE WORKS**Franz Josef Rating District

A bi-monthly meeting with NZTA took place on 17 October 2017. At this meeting discussions took place looking at options for river training and rock recovery works in the Waiho River. A global resource consent to cover all existing and future works is currently 50% completed with a draft to be released for comment in the next 2 – 3 weeks.

Following the Franz Josef Rating District meeting held on 13 October 2017, the Rating District have proposed three options for the future management of the Waiho River, these include:

1. De-armouring the river bed and forming a channel from the SH bridge to Canavans Knob with a cost and rock recovery share with NZTA.
2. Encouraging the river to self-cut by removing rock by the Terminal Moraine.
3. Extending the helipad stopbank by 400m.

NZTA are currently preparing a response to these proposals. Staff are encouraging the Rating District Committee to support closer relationships with NZTA, Westland District Council, Department of Conservation and iwi to better coordinate riverworks.

The remaining units on the Gateway Motel site are to be demolished with the next 4 – 6 weeks.

#### Cobden Lagoon and Range Creek

A RFQ for the construction of the bund closes on 3 November 2017. It is anticipated that the construction of the bund will be completed before Christmas. The design of the bund has been modified to allow for extension in the future. Designs for the modification of the floodgate are currently underway.

#### Coal Creek Rating District

Quotes will be requested for minor maintenance work on the Coal Creek spur. The spur was constructed by GH Foster Contracting Ltd in April 2017 and is working as designed keeping the main flow of the Grey River away from the true right bank.



*Coal Creek spur, looking downstream. 30 Oct 2017.*

### **ONGOING WORKS**

#### Punakaiki Rating District

Work on the rock extraction from Council's Whitehorse property has begun. It is estimated that this work will take 2-3 weeks. Once the rock extraction is completed work will begin on the construction of the seawall extension.



Granity/Ngakawau/Hector Erosion

No further progress.

Buller River Flood Consultation

The terms of reference agreements have all been signed and returned, work on advertorials is ongoing.

Carters Beach

No further progress.

Greymouth Floodwall Repairs

Tender documents for the floodwall repairs are being prepared with assistance from MWH.

**QUARRIES**

Quarry rock movements for September 2017

Quarry		Opening Stockpile Balance	Rock Sold	Rock Produced	Closing Stockpile Balance
Camelback	Small/medium	11,943	0	0	11,943
	Large	4,646	0	0	4,646
Whataroa	Small/medium	6,016	0	0	6,016
	Large	11,731	0	0	11,731
Blackball		850	0	0	850
Inchbonnie		12,850	0	0	12,850
Kiwi		2,609	0	0	2,609
Miedema		0	0	0	0
Okuru		400	0	0	400
<b>Totals</b>		<b>51,045</b>	<b>0</b>	<b>0</b>	<b>51,045</b>

**RECOMMENDATION**

*That the report is received.*

Randal Beal

**Operations Manager**

## THE WEST COAST REGIONAL COUNCIL

Prepared for: Council Meeting 13 November 2017  
 Prepared by: Robert Mallinson – Corporate Services Manager  
 Date: 1 November 2017  
 Subject: Corporate Services Managers Monthly Report

**1. Financial Report 1 July to 30 September 2017**

FOR THE THREE MONTHS ENDED 30 SEPTEMBER 2017	ACTUAL	YEAR TO DATE BUDGET	ACTUAL % ANNUAL BUDGET	ANNUAL BUDGET
<b>REVENUES</b>				
General Rates and Penalties	594,728	597,500	25%	2,390,000
Investment Income	284,384	276,833	26%	1,107,333
Resource Management	431,662	345,681	36%	1,211,125
Regional Land Transport	20,509	20,583	25%	82,330
Emergency Management	294,205	175,000	42%	700,000
Economic Development	38,338	37,500	26%	150,000
River, Drainage, Coastal Protection	510,178	392,678	32%	1,570,713
Warm West Coast	6,114	6,500	0%	26,000
VCS Business Unit	960,479	793,875	30%	3,175,500
Commercial Property Revaluation	0	0	0%	35,526
	<b>3,140,598</b>	<b>2,646,150</b>		<b>10,448,527</b>
<b>EXPENDITURE</b>				
Governance	110,880	113,443	24%	453,771
Economic Development	81,675	75,000	27%	300,000
Resource Management	869,187	789,547	28%	3,158,188
Regional land Transport	39,715	42,612	23%	170,447
Hydrology & Floodw arning Services	151,193	155,466	24%	621,863
Emergency Management	250,741	177,913	35%	716,152
River, Drainage, Coastal Protection	389,472	453,201	21%	1,812,803
VCS Business Unit	733,422	654,625	28%	2,618,500
Other	23,855	19,284	31%	77,137
Warm West Coast	5,730	6,500	22%	26,000
	<b>2,655,869</b>	<b>2,487,590</b>		<b>9,954,861</b>
<b>OPERATING SURPLUS / (DEFICIT)</b>	<b>484,730</b>	<b>158,560</b>		<b>493,666</b>

BREAKDOWN OF SURPLUS (-DEFICIT)	Variance Actual V Budgeted YTD	ACTUAL	BUDGET Year to date	ANNUAL BUDGET
Rating Districts	196,963	299,918	102,955	411,818
Economic Development	-5,837	-43,337	-37,500	-150,000
Quarries	16,428	-3,315	-19,743	-78,973
Investment Income	7,551	284,384	276,833	1,107,333
VCS Business Unit	87,807	227,057	139,250	557,000
General Rates Funded Activities	27,444	-256,507	-283,950	-1,311,901
Warm West Coast	384	384	0	0
Revaluation Investment Property	0	0	0	35,526
Other	-4,570	-23,855	-19,284	-77,137
<b>TOTAL</b>	<b>326,169</b>	<b>484,730</b>	<b>158,560</b>	<b>493,666</b>

Net Contributors to General Rates Funded Surplus (-Deficit)	Actual	Budet ytd	Annual Plan	
<u>Net Variance</u> <u>Actual V YTD</u>				
Rates	-2,772	594,728	597,500	2,390,000
Representation	2,563	-110,880	-113,443	-453,771
Resource Management	6,341	-437,524	-443,866	-1,947,063
Transport Activities	2,823	-19,206	-22,029	-88,117
River, Drainage, Coastal Protection	-32,162	-175,896	-143,734	-574,935
Hydrology & Floodw arning	4,273	-151,193	-155,466	-621,863
Emergency Management	46,377	43,464	-2,913	-16,152
	<b>27,444</b>	<b>-256,507</b>	<b>-283,950</b>	<b>-1,311,901</b>

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STATEMENT OF FINANCIAL POSITION @ 30 SEPTEMBER 2017

10

@ 30/09/17

CURRENT ASSETS

Cash	-86,871
Deposit - Westpac	778
Accounts Receivable - General	966,226
Accounts Receivable - Rates	1,998,633
Prepayments	177,688
Sundry Receivables	711,782
GST Refund due	0
Stock - VCS	28,440
Stock - Rock	504,786
Stock - Office Supplies	16,456
Accrued Rates Revenue	0

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4,317,918NON CURRENT ASSETS

Investments	10,989,677
Strategic Investments	1,252,970
Term Deposit - PRCC bond	50,002
MBIE & DOC Bonds	11,142
Investments-Catastrophe Fund	1,031,176
Warm West Coast Loans	426,751
Commercial Property Investment	1,480,000
Fixed Assets	4,226,722
Infrastructural Assets	58,271,185

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77,739,624TOTAL ASSETS

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82,057,541

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CURRENT LIABILITIES

Bank Short Term Loan	2,150,000
Accounts Payable	666,529
GST	272,755
Deposits and Bonds	884,456
Sundry Payables	46,862
Revenue in advance	1,041,971
Accrued Annual Leave, Payroll	240,431

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5,303,003NON CURRENT LIABILITIES

Future Quarry restoration	70,000
Interest Rate Hedge Position	120,733
Lower Waiho	174,120
Kaniere	88,460
Greymouth Floodwall	1,614,251
Hokitika Seawall	1,218,750
Strategic Investments	1,111,572
Warm West Coast	470,000
Working capital loan	637,354
Office Equipment Leases	0

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5,505,241TOTAL LIABILITIES

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10,808,244EQUITY

Ratepayers Equity	18,777,806
Surplus transferred	484,730
Rating Districts Equity	2,905,592
Revaluation	38,339,289
Catastrophe Fund	1,020,880
Investment Growth Reserve	9,721,000

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TOTAL EQUITY 71,249,297LIABILITIES & EQUITY

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82,057,541

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2. The surplus for the three months amounted to \$484,000 compared to the budgeted \$158,000.

Emergency Management revenue and expenditure included grant revenue and expenditure relating to the Franz Josef hazard study.

Resource Management costs include the > 30/6/17 overhang of costs amounting to \$41,000 involved in processing the 10 year whitebait stand resource consent renewals. The net cost of Resource Management activities (expenditure – revenues) of -\$437,000 was close the budgeted net cost of -\$443,000.

VCS results reflect aerial contract completed for Southern Paparoas.

Balance sheet bank short term borrowing @ 30/9/17 was \$2,150,000 but this was able to be reduced to \$700,000 @ 31/10/17.

## 2. Investment Portfolio

September 2017	Catastrophe Fund	Major Portfolio	TOTAL
Opening balance 1 July 2017	\$ 1,031,982	\$ 10,973,677	\$ 12,005,659
Income        Septrember 2017	-\$ 806	\$ 16,000	\$ 15,194
Deposit			
Withdrawl		\$ -	\$ -
Closing balance 30 September 2017	\$ 1,031,176	\$ 10,989,677	\$ 12,020,853
Total income year to date to 30 September 2017	\$ 10,296	\$ 203,461	\$ 213,757

## RECOMMENDATION

*That the report be received.*

Robert Mallinson  
**Corporate Services Manager**

## THE WEST COAST REGIONAL COUNCIL

Prepared for: Council Meeting 13 November 2017  
 Prepared by: Robert Mallinson – Corporate Services Manager  
 Date: 25 October 2017  
 Subject: **Infrastructure Disaster Cover**

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### Background

Under current central government rules Council is required to insure (or self-insure) its 40% share of disaster costs.

Council infrastructure in the form of river, drainage and coastal protection schemes had a total valuation of \$57.8 million @ 31/12/2015 and a balance sheet total of \$58.1 million @ 30 June 2017.

Council was originally a member of the NZ Local Authority Protection Programme (LAPP), and for a number of years this worked well for Council, with annual levies in the \$30 - \$50,000 range.

Following the Canterbury earthquakes in 2010 and 2011 continuing membership of LAPP became unaffordable for Council (and a number of other Councils). We were looking at a quadrupling of the cost of cover from \$40,000 to \$160,000 / annum.

Council exited from LAPP and set up a designated catastrophe fund, with an initial deposit of \$500,000; augmented by annual deposits of \$50,000 and retention of interested earned by the designated portfolio. The ultimate long term aim was to build the portfolio to a level of about \$1.5 - \$2.0 million.

Council exited from LAPP because it was no longer financially viable for it to remain a member. Council established a designated catastrophe fund as the next best option to actual cover, and to comply with central government requirements in order to preserve access to central government 60% disaster assistance.

As at 30 September 2017 the catastrophe fund had a balance of \$1.031 million.

### 40% / 60% Disaster Funding Formula

During 16/17 we were approached by our brokers who advised that central government (Treasury) were offering a 50% subsidy to Councils to have an evaluation done of their likely maximum probable losses under EQ and Flood scenarios. The Treasury subsidy was on offer as central government had been trying to get a better understanding of their potential exposure under the existing 40% / 60% disaster funding formula.

This was also a good opportunity for Council itself to get a better understanding of its maximum probable losses for both EQ and Flood under different scenarios.

Central government is reviewing the 40% / 60% arrangement and it is expected that there will be changes to this arrangement in the future, with Council's being expected to bear a greater % of the risk.

**Tonkin Taylor Report** (which has been shared with Treasury) key figures were;

Scenario	Assets	Damage estimates		
		10 <sup>th</sup> percentile	Mean	90 <sup>th</sup> percentile
	<b>River, Drainage, Coastal</b>			
MM 9.5 500 year		\$2 million	\$8 million	\$15 million
MM 10 1000 year		\$3 million	\$12 million	\$22 million

Tonkin Taylor has yet to complete the Flood Maximum Probable Loss report but I am advised by AON that the MPL \$'s for Flood would fit comfortably within the above numbers.

AON had previously arranged commercial infrastructure cover through Lloyds for a group of South Island Councils which included Nelson City Council, Tasman District Council, Buller District Council, Grey District Council, Westland District Council, Queenstown Lakes District Council, and Environment Southland. This is a group cover scheme with a total program limit of \$125 million.

We have been offered participation in this cover scheme, and AON is in the process of increasing the total program limit to \$250 million (with potential to go to \$300 million).

Cover is for 40% of value (with Central Government picking up the other 60% in accordance with the existing National Disaster Recovery agreement).

The above Councils are a good geographic spread from an insurer risk perspective.

Terms offered to WCRC are;

Declared Values	\$58.1 million
Total cover	\$35 million
WCRC 40% share	\$14 million (40% of \$35 million)
Excess	\$250,000
EQ mean loss estimate 1000 year return period	\$12 million
Premium based on;	
• \$125 million total program limit	\$28,000
• \$250 million total program limit	\$37,000
• \$300 million total program limit	\$39,000

Given MPL under 90 th percentile of \$22 million it could be argued that we are over-insuring with cover of \$35 million. Enquiries with AON suggest that the total premium saving would only be about \$2 - \$3,000; therefore I suggest we stay with \$35 million cover (\$14 million on the 40% formula).

I believe that this is a great opportunity for WCRC to join in a sensible geographic cover grouping at a reasonable cost.

If Council agrees to join in the above cover program for our \$58.1 million of Infrastructure, then the existing Catastrophe Fund of \$1.031 million can comfortably provide the funding for the excess of \$250,000 (and multiple times).

We could cease the annual \$50,000 contributions and interest earned from the fund could pay for the ongoing AON Lloyds cover premium.

This recommendation has a small positive financial impact on our 17/18 budget, as Council has already budgeted to deposit \$50,000 into the Catastrophe Fund. The \$50,000 is replaced by a premium of up to \$39,000.

## RECOMMENDATIONS

1. *That Councillors endorse the participation of West Coast Regional Council in the Aon / Lloyds South Island Group cover scheme with cover of up to \$35 million as part of up to a \$300 million total program limit, from 1 November 2017.*
2. *That annual deposits of \$50,000 to the catastrophe fund cease.*
3. *That income earned by the catastrophe fund be used to fund the annual premiums for the \$35 million cover.*
4. *That Council amends its previous decision to deposit the \$170,000 from the sale of the land on the south bank of the Hokitika River from the Catastrophe Fund to the JBWere fund.*

Robert Mallinson  
**Corporate Services Manager**



Quantifying  
Natural  
Disaster Risk

# West Coast Regional Council

Earthquake Loss Estimate Analysis for Infrastructure Assets

July 2017



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## EXECUTIVE SUMMARY

Treasury is evaluating changes in the Crown's risk financing and insurance arrangements. Consequent upon the Canterbury earthquake experience, the understanding and quantification of natural hazard risk for infrastructural assets is now seen as critical.

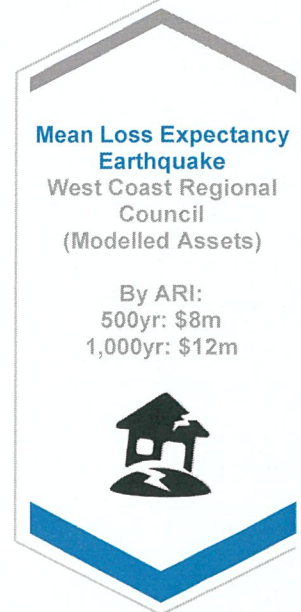
As part of the ongoing 60/40 infrastructure cost sharing review, Treasury has indicated that natural hazard loss modelling (risk quantification) for earthquake, flood, volcano and tsunami will be a requirement going forward (for those councils exposed to these natural hazards). Treasury has identified a number of councils where they have asked Aon to undertake natural hazard loss modelling, in order to improve their loss estimation understanding. West Coast Regional Council has been identified as one of these councils.

The overall aim of this report is to provide estimates of damage/loss that might be experienced from a significant natural hazard disaster such as an earthquake to infrastructural (flood protection) assets owned by West Coast Regional Council. As of 2016, West Coast Regional Council declared the total replacement cost of their infrastructure assets to be \$58m.

This report focuses on loss from earthquakes. Two uniform earthquake shaking scenarios have been assessed having a target level of shaking in the West Coast region of 500 and 1,000 year average recurrence intervals (ARI).

This report will focus on the overall methodology, analysis and outcomes. As part of this process, Tonkin + Taylor Ltd (Tonkin + Taylor, T+T) has been engaged to assess the likelihood of earthquake shaking and vulnerability to earthquake induced-liquefaction damage.

The panel to the right shows the material damage loss estimates for all modelled West Coast Regional Council assets. The loss modelling has incorporated the majority of assets that form the flood protection assets for West Coast Regional Council.



Whenever analysis of natural catastrophe events are modelled prior to an event actually occurring, assumptions have to be made. Every effort has been taken to include council staff in this process to ensure the outcomes are as robust as possible, based on the information (and understanding) available at the time. There are however, limitations to the analysis and these are outlined in Appendix E.

Portfolio loss modelling assessments give indications of loss potential and should not be used in isolation when making decisions regarding insurance policy loss limits. We would recommend a conservative approach is taken when determining loss limits. It is also worth noting that the loss modelling only considers material damage components of the loss, not other resultant costs incurred (i.e. enablement costs, additional increased cost of working (AICOW), expediting expenses, post loss amplification etc.).

A detailed summary of loss estimates for West Coast Regional Council is provided in Table 3 on page 10.

# RISK MANAGEMENT

We are working with Councils across New Zealand to improve Risk Management at a local level.

New Zealand simply cannot afford to fund its inherent natural hazard exposure and has to understand and mitigate its risk exposure and engage international underwriters to provide the required insurance capacity. Robust loss modelling, correct valuation estimates and effective risk transfer are essential considerations, all demanding expert assistance. Aon's role, using its local, global and partnership expertise, is to ensure that risks are identified and quantified and that, as part of a risk management strategy, adequate and sustainable insurance capacity is made available to our clients. In addition to this Aon can provide a valuation service to ensure the loss modelling results reflect realistic replacement values of the infrastructure network.

As illustrated below, the outcomes from this work can also be incorporated into the wider community resilience approach for West Coast Regional Council. Key components of this include a criticality study, an infrastructure and insurance strategy and a disaster response plan.

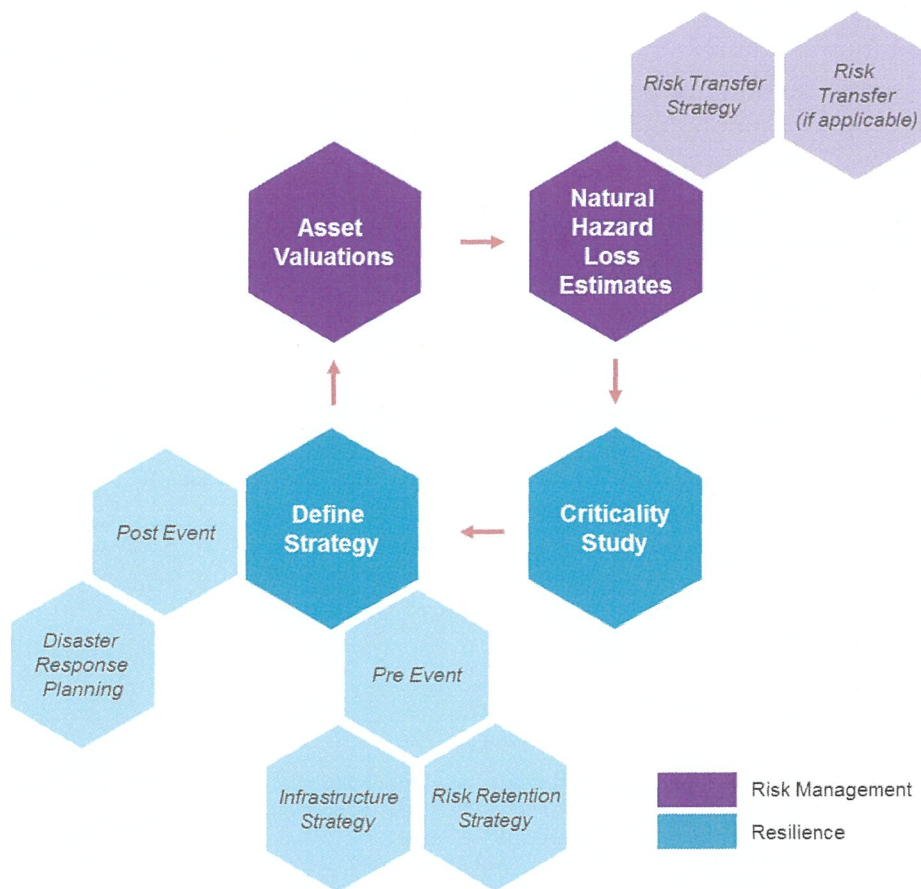


Figure 1 – The steps in improving community resilience

The next steps in the process to develop resilient communities and therefore a resilient New Zealand are discussed in the section titled Next Steps – Resilience.

## LOSS MODELLING OVERVIEW

The purpose of the report is to establish the material damage loss estimates (in dollars) for council owned assets following a large natural hazard event such as an earthquake.

The assets included in the analysis comprise both above ground and below ground infrastructural assets. The reviewed infrastructure includes flood protection assets as declared at the last insurance renewal. When it comes to the risk transfer component, some of these assets will be placed on a material damage policy, whereas others will be placed on an infrastructure policy. This report considers the networks in their entirety – the split of assets between policies is a separate consideration.

The analysis contains an assessment of the earthquake hazard and a summary of the corresponding loss estimates. The West Coast region is susceptible to a range of possible natural hazards. However, the scope of this assessment focuses on earthquakes with other possible natural hazards, such as flooding and volcanic eruption remaining outside of scope or as part of future additional assessments.

This report has used information provided by West Coast Regional Council along with information available from other sources. Wherever possible, this information has been referenced and credited.

Tonkin + Taylor has provided expertise on liquefaction and earthquake scenarios for the earthquake loss estimate. This includes high level mapping of liquefaction and earthquake shaking with asset overlays. Maps showing liquefaction potential are provided as figures in Appendix F. This report is a joint report provided by both Aon and Tonkin + Taylor.

## ASSETS

This assessment covers the flood protection assets for West Coast Regional Council.

The assets assessed are those provided by the councils in a geospatial database with supporting replacement value information.

To make a spatial assessment of loss, the liquefaction vulnerabilities and earthquake shaking intensities were attributed to the assets at the detail given from the valuation document. As this assessment was a simplified assessment asset values were averaged across similar assets with the values taken from the valuation document as of 2016. An indication of the general spread of assets is provided in Appendix F.

The total value of infrastructural (as declared 2016) for the West Coast Regional Council are broken down in Table 1:

Utility	Type of Assets	Value (\$m)	Percentage of total asset values
Flood Protection		58	100%

**Table 1 – Summary of infrastructural assets and values for West Coast Regional Council.**

## EARTHQUAKE ASSESSMENT SUMMARY

The West Coast Region lies predominantly along the west coast of the south island. The region lies mostly on the Australian tectonic plate. However the alpine fault bisects the region along approximately 400 km length so that the east portion of the region lies on the Pacific plate. The Alpine Fault is the surface expression of the transform boundary between the Australian and Pacific plates. It is a dextral reverse fault, whereby the Pacific Plate slips along the Australian Plate as they are forced together. Uplift at this boundary from the tectonic activity forms the Southern Alps. There are numerous crustal faults both east and west of the Alpine Fault that are capable of generating earthquakes larger than moment magnitude (Mw) 7.

Figure 2 of Stirling et al (2012), 'National Seismic Hazard model for New Zealand: 2010 update', shows the grouping of the main tectonic zones. The majority of the West Coast Regional Council assets are shown as being spread across a region of contractional faulting. Faults in this region are typically 'reverse' and have average recurrence intervals of less than 10,000 years. The typical maximum magnitude for faults in this region is 7.4. We have reviewed the recurrence of ground shaking intensity for the West Coast region based on published documentation for the two scenarios to be assessed (500 and 1,000 year ARI's). Table 2 presents the average Modified Mercalli shaking intensities (MM) for each scenario used in the loss estimation process.

MM Shaking Intensity	Average recurrence interval (ARI)
MM9.5	500 years
MM10	1,000 years

**Table 2 – MM Shaking intensity recurrence for the loss estimation analysis**

For this simplified assessment we have assumed the ground shaking across the region is uniform for each scenario, i.e. each asset is affected by the same level of shaking irrespective of its location. This approach does not consider fault rupture and ground displacement due to an earthquake event.

In an earthquake, infrastructure located in areas of liquefaction can experience greater damage. We have made an assessment estimating the areas of different liquefaction vulnerability and made adjustments in areas susceptible to lateral spreading over the extent of the West Coast Regional Council assets. The areas of liquefaction vulnerability assessed are presented in Figures 29730.8100-01 to 04 in Appendix F.

## EARTHQUAKE LOSS ESTIMATES

The following table (Table 3) provides a summary of aggregated damage levels (\$) for each asset type for the scenarios modelled.

Damage from an earthquake will be caused by a number of different factors. The majority of damage is expected to be caused by the effects of shaking (cracking/deformation), liquefaction (especially lateral spread and differential settlement) and fault rupture. There is also potential for damage by large scale tectonic movement of the land or large areas of differential settlement (i.e. entire land areas raised or lowered). The values in Table 3 do not include fault rupture or large scale ground movement. Approximately \$1 million worth of WCRC flood protection assets are situated within the Alpine Fault Rupture Zone, which may experience greater damage from fault rupture in an Alpine Fault event. These effects maybe separately considered in selecting a loss limit, alongside other uncertainties. Additional notes are provided in Appendix D.

Scenario	Utility Class	Asset Type	Damage Estimate (\$m)		
			10 <sup>th</sup> Percentile	Mean	90 <sup>th</sup> Percentile
Scenario 1	Flood Protection		2	8	15
Scenario 2	Flood Protection		3	12	22

**Table 3 – Infrastructural Assets Earthquake Loss Estimates for the West Coast Regional Council**

The earthquake loss scenarios considered for this report are low probability events but more extreme events of lower probability can always occur. Considering this the two scenarios modelled have a target ARI of 500 and 1000 years.

The expected displacement from an Alpine Fault rupture is approximately 8-9 m horizontal and 1-2 m vertical (Langridge and Beban, 2011). This displacement could potentially alter river flows and impact the efficacy of the flood protections schemes. This cascading effect has not been considered in this assessment.

## NEXT STEPS – RESILIENCE

The loss modelling has identified areas of high susceptibility and vulnerabilities of the flood protection assets. Following on from the section titled Risk Management the following provides guidance on the next steps that council may take to increase the resilience of the flood protection assets and in turn improve community resilience as a whole.

Councils with a detailed understanding of their exposures, vulnerabilities and criticalities of infrastructural assets have the essential components needed to effectively manage risk, ultimately enhancing community resilience. The combination of criticality, combined with a detailed understanding of vulnerability and consequence, enables informed and cost effective strategic decision making around risk mitigation and risk transfer. Aon, with their understanding of the risk and councils' risk management approach are able to present the risk into the insurance markets to ensure the best outcomes are achieved.

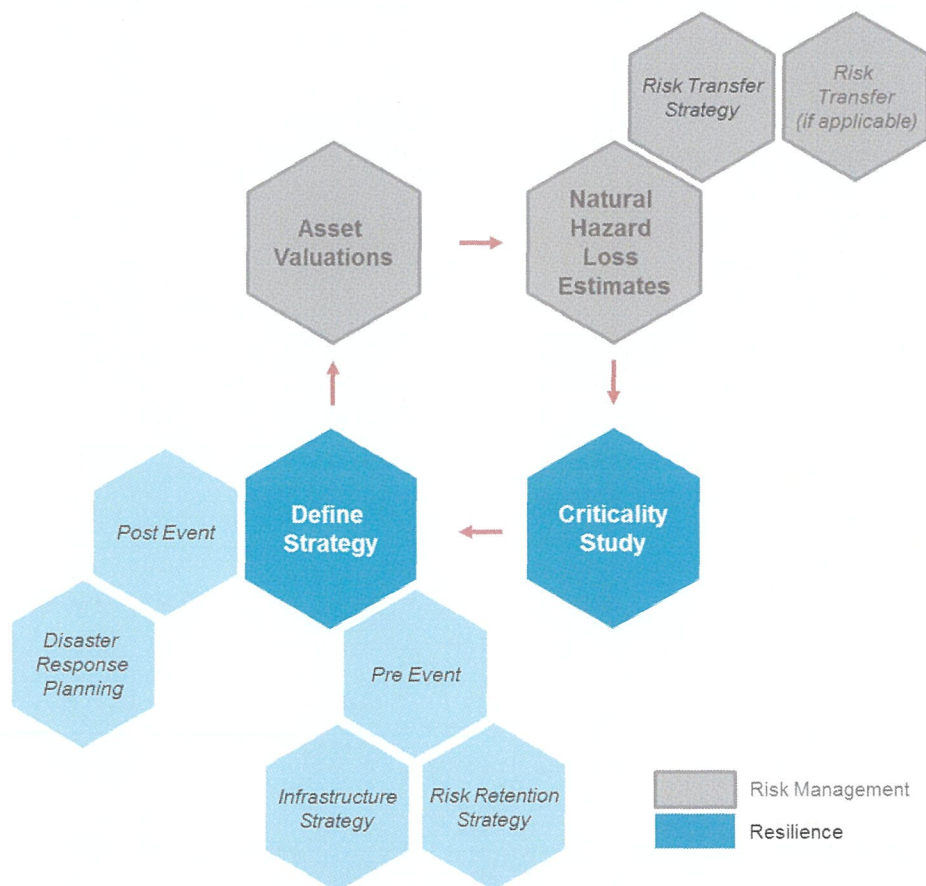


Figure 2 – Steps to improve community resilience

As illustrated above some important steps towards resilience include:

- Producing a Criticality Study – Carrying out a criticality study and relating this back to the loss modelling to enable informed strategy development and decision making regarding where to focus efforts to increase resilience. This may also involve determining the earthquake event sizes that 'trigger' high damage i.e. running scenarios at different return periods.



- Defining Strategy - Defining an insurance, infrastructure and disaster response and recovery strategy which relates to the identified vulnerabilities from natural hazards. Considering criticality and usage requirements Council could determine a more informed strategy on upgrading the flood protection network, guiding the maintenance and upgrade schedule for plant assets and assisting with other natural hazard risk mitigation measures.

Aon and Tonkin + Taylor would be keen to assist West Coast Regional Council in the extension of the analysis. This would be an additional stage of work beyond that currently undertaken and would require further engagement with West Coast Regional Council. Such work, if undertaken, will also bring cost benefits, i.e. risk mitigation by network hardening may reduce the loss estimate from a natural hazard – reducing the cost or requirement for risk transfer.

## SUITABILITY OF DATA FOR FUTURE APPLICATIONS

This report has been produced to assist in the understanding and quantification of natural hazard risk for infrastructural and building assets of West Coast Regional Council. This data is only intended to be used for risk transfer and as such has been modelled to the detail required for this purpose. When used for other purposes, such as civil defence, land use and town planning, it may not be sufficiently robust or detailed.

This data has been designed for risk transfer purposes to assist in establishing an appropriate risk transfer strategy. When used for other purposes it could be useful as a starting point for further work as long as the limitations are understood and acknowledged.

## CONTACT DETAILS

If you require any further information or have any queries, please contact the following:

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<b>Email</b>	<a href="mailto:Benjamin.Lynch@aon.com">Benjamin.Lynch@aon.com</a>

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<b>Phone</b>	+64 7 571 7362
<b>Email</b>	<a href="mailto:DMilner@tonkintaylor.co.nz">DMilner@tonkintaylor.co.nz</a>

<b>Name</b>	<b>Dan Andrews</b> Geotechnical Engineer Tonkin + Taylor Ltd
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<b>Mobile</b>	+64 21 804 986
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Prepared for: Council Meeting- 13 November 2017  
Prepared by: Andrew Robb – Chairman  
Date: 3 November 2017  
Subject: **CHAIRMAN'S REPORT**

---

**Meetings Attended:**

- I attended the LGNZ Roadshow on 10 October.
- I attended the Governance Group meeting on 16 October.
- I chaired the Taramakau Rating District meeting on 18 October.
- I took part in an interview done by Inside Resources on 26 October.
- I attended the Regional Transport Committee meeting on 2 November.
- I will be attending the Mayors and Chairs Forum in Westport on 7 November.

**Local Government Leaders' Water Declaration**

Local Government New Zealand has asked the Mayors and Chairs throughout New Zealand to sign a Local Government Leaders Water Declaration. The declaration seeks to declare our commitment to valuing and managing water as a precious resource. It is a commitment to the public in regard to what we will do and an invitation to the government to work with the sector to improve water quality.

**RECOMMENDATION**

1. *That this report be received.*
2. *That Councils Chairman signs the attached Local Government Leaders' Water Declaration.*

Andrew Robb  
**Chairman**

Who's  
putting local  
issues on  
the national  
agenda?

**We are.  
LGNZ.**

## Local Government Leaders' Water Declaration

As the leaders of their communities the Mayors and Chairs of New Zealand declare their continuing and absolute commitment to valuing and managing water as a precious resource. We want New Zealand to be world leaders in sustainable water management and will work with our communities and partners towards that goal.

Our water resource is precious and must not be taken for granted. The quality of our water and its abundance is fundamental to the social, cultural, economic, and environmental wellbeing of New Zealand. Water is a taonga and our lifeblood. Iwi have a special relationship with freshwater and this is reflected in the statutes and in the National Policy Statement for Freshwater Management (NPSFM). Specifically, the NPSFM requires that freshwater is managed to give effect to Te Mana o te Wai, an integrated approach to fresh-water management that recognises the association of the wider community with the rivers, lakes and streams but also the relationship of iwi and hapū and their values with freshwater bodies.

Protecting our freshwater - lakes, rivers, streams and groundwater - is important because it ensures there is enough clean and safe water for all of our uses, now and into the future, and to ensure the health of freshwater ecosystems. Achieving this will require a collaborative effort from many parties – councils, communities, central government, Māori/Iwi, business and the primary sector.

Local government plays a central role in the management of our water resources, and because of this is uniquely placed to play a leading role in this long-term effort:

- Regional and unitary councils are responsible for managing water quality and quantity. They may permit some activities and require consents for others, such as taking water and the discharge of contaminants, and prevent certain activities.
- Territorial authorities are typically responsible for providing and managing infrastructure for drinking water, stormwater and sewage (although arrangements differ in some regions), and manage land use through district plans.

Councils work every day to deliver better water outcomes – it is core business and makes up a significant proportion of council work and expenditure. We engage with communities and by working together we have seen some good successes, but there is much more work to do. As well as our ongoing clean-up work, demand for water from businesses, the primary sector and growing urban communities are bringing greater challenges for us all and these are exacerbated by climate change.

As a result, in 2017 and 2018, local government will scope the costs of maintaining and/or improving water quality and its continued supply through its Water 2050 project. Water 2050 will underpin the need to think about water in a holistic way, raising the cost implications of investment in drinking, waste and stormwater assets and services to meet increased standards for water quality, and outlining the need for a national conversation on costs and new funding tools.

**We, the Mayors and Chairs commit to:**

**1. Continue to make water a key priority**

- Improve the water in our regions with, and for, our people and their descendants, asking our communities and stakeholders for their priorities for water and reflecting these in key planning documents.
- Respect the cultural values and special connections held by Māori to our water, honour our obligations to Māori and work with Māori to implement Treaty of Waitangi Settlements. This includes recognising Te Mana o te Wai in freshwater management which includes the relationship that iwi and hapū have with, and values for, water bodies. This will be expressed in our plans, and in the engagement processes with Māori used to develop these plans. It may also be reflected in our governance structures.
- Ensure that those people who have the privilege of using our water do so responsibly, by requiring and enforcing conditions of resource consent. We will lead work to change how people value water and consider their individual and collective impact. Provide clean, safe and reliable drinking water for our communities as a priority.

**2. Work with our communities to improve our freshwater**

- Work with our communities to foster a sense of pride in the freshwater of New Zealand and maintain or improve water quality across our region and manage water use and consumption. This will include working to improve the quality of our stormwater by deterring the use of certain products, and initiatives to manage demand for domestic consumption.
- To lead, champion and support communities to take action to restore and protect water. For example, this might include setting nutrient limits across a catchment, riparian planting and fencing of waterways.

**3. Provide information on the state of our freshwater**

- Provide information about the state of our freshwater, and make access to information about water easy for everyone by hosting information on the national website, LAWA (Land, Air, Water Aotearoa), and on our own websites.
- Issue a national report annually on the state of freshwater across our jurisdictions. This will provide New Zealanders with a “national state of water,” and a region-by-region summary, of key water quality measures.

**4. Be clear about the costs of improving our water**

- Work with our communities so that the costs and priorities for investment in infrastructure to provide a secure supply of water and maintain and improve water quality are clearly understood. We will do this through our long term planning processes and as we change our resource management plans to give effect to the National Policy Statement for Freshwater Management. Water 2050 will also be critical work in creating the case for new funding and financing tools for water infrastructure.

**We, the Mayors and Chairs call on the government of the day to:**

**1. Take an integrated approach to water**

- Recognise the interlinked nature of all water, whether natural rivers, lakes, streams or groundwater and drinking water, stormwater or wastewater, and reflect this in coherent, integrated water policy.

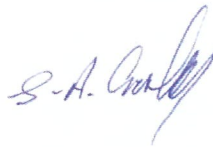
- Recognise the impacts of climate change on our water resources and work with us to develop options to address these.
- 2. Quantify the costs of meeting increased standards**
- Quantify, with local government, the costs and trade-offs required to meet freshwater quality standards and limits for water quality. This includes understanding the cost implications for our infrastructure and the costs to meet water quality standards and limits such as restoration and mitigation.
  - Identify, with local government, additional funding required to meet any increase in standards and targets, and provide local government with additional tools to fund maintenance and upgrading of infrastructure to meet both existing and new standards.
- 3. Work with us to meet the costs to improve water quality**
- Work with local government on a plan to meet these costs and develop new tools for funding and financing infrastructure.
  - Increase funding where necessary to fund improvements in freshwater quality.
- 4. Work with us to be world leaders in water management**
- Give long-term cross-party commitment to improve water quality, manage water quantity and provide stability, to enable us to work toward New Zealand being a world leader in water management.
  - Explore the role of economic instruments in water policy and in pricing for water services. Options include pricing water, taxing water consumption and setting a royalty for consumption.

The current state of our water is the result of impacts over many years. We believe there is now a consensus that as a nation we want better for New Zealand. This Declaration is local government's commitment to achieving the goals we all want – plentiful clean and safe water for generations to come.

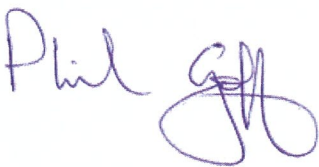
**UNDERSIGNED BY THE NATIONAL COUNCIL OF LOCAL GOVERNMENT NEW ZEALAND:**



**Dave Cull**  
President, Local Government New Zealand  
Mayor, Dunedin City



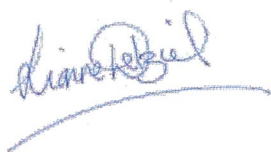
**Stuart Crosby**  
Vice President, Local Government New Zealand  
Councillor, Bay of Plenty Regional Council



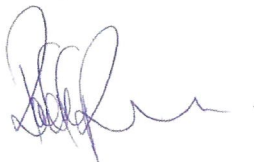
**Hon Phil Goff**  
Mayor, Auckland



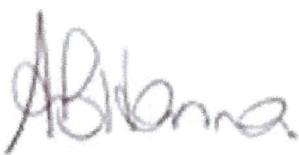
**Justin Lester**  
Mayor, Wellington City




**Lianne Dalziel**  
Mayor, Christchurch City



**Rachel Reese**  
Mayor, Nelson City



**Brian Hanna**  
Mayor, Waitomo District



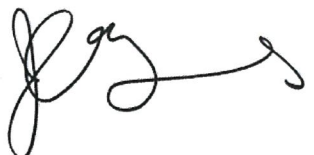
**Wayne Guppy**  
Mayor, Upper Hutt City



**Tracy Hicks**  
Mayor, Gore District



**Doug Leeder**  
Chair, Bay of Plenty Regional Council



**Jan Barnes**  
Mayor, Matamata-Piako District



**Hon John Carter**  
Mayor, Far North District



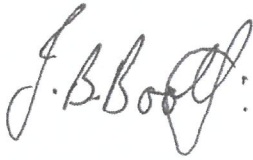
**Don Cameron**  
Mayor, Ruapehu District



**Richard Kempthorne**  
Mayor, Tasman District



THE FOLLOWING MAYORS AND CHAIRS ALSO SUPPORT THIS DECLARATION



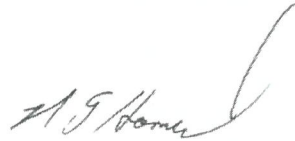
**Mayor John Booth**  
 Carterton District



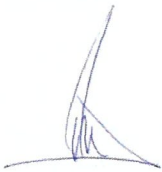
**Mayor Alex Walker**  
 Central Hawke's Bay District



**Steve Lowndes, Acting Chair**  
 Environment Canterbury



**Nicol Horrell, Chair**  
 Environment Southland



**Mayor Meng Foon**  
 Gisborne District



**Chris Laidlaw, Chair**  
 Greater Wellington Regional Council



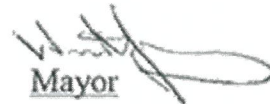
**Mayor Ray Wallace**  
 Hutt City



**Mayor John Tregidga**  
 Hauraki District



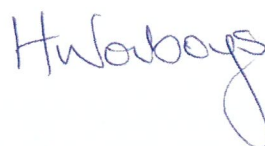
**Mayor K (Guru) Gurunathan**  
 Kāpiti Coast District



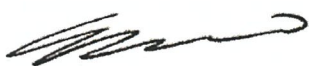
**Mayor Winston Gray**  
 Kaikoura District



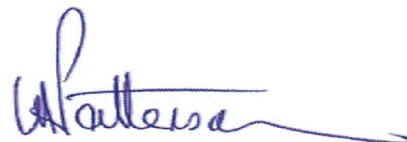
**Mayor Graham Smith**  
 Mackenzie District




**Mayor Helen Worboys**  
 Manawatu District



**Mayor John Leggett**  
 Marlborough District



**Mayor Lyn Patterson**  
 Masterton District



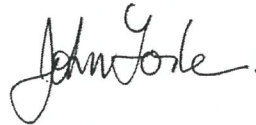
**Mayor Bill Dalton**  
Napier City



**Mayor Neil Holdom**  
New Plymouth District



**Bill Shepherd, Chair**  
Northland Regional Council



**Mayor John Forbes**  
Opotiki District



**Mayor Grant Smith**  
Palmerston North City



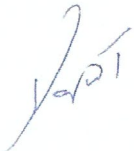
**Mayor Mike Tana**  
Porirua City



**Mayor Andy Watson**  
Rangitikei District



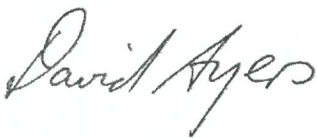
**Mayor Sam Broughton**  
Selwyn District



**Mayor David Trewavas**  
Taupo District



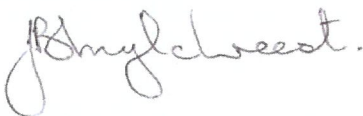
**Mayor Allan Sanson**  
Waikato District



**Mayor David Ayers**  
Waimakariri District



**Mayor Craig Rowley**  
Waimate District



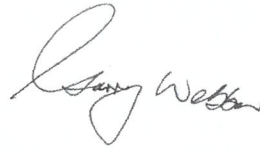
**Mayor Jim Mylchreest**  
Waipa District



**Mayor Viv Napier**  
South Wairarapa District



**Mayor Gary Kircher**  
Waitaki District



**Mayor Garry Webber**  
Western Bay of Plenty District



**Mayor Tony Bonne**  
Whakatane District



**Rex Graham, Chair**  
Hawke's Bay Regional Council



**Mayor Tim Cadogan**  
Central Otago District



**Mayor Tracey Collis**  
Taranaki District

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Council Meeting 13 November 2017  
Prepared by: Michael Meehan – Chief Executive  
Date: 2 November 2017  
Subject: **CHIEF EXECUTIVE'S REPORT**

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**Meetings attended:**

- I attended the LGNZ Roadshow on 10 October.
- I met with Kay Booth Deputy Director Partnerships, Department of Conservation on 13 October along with staff.
- I attended the Governance Group meeting on 16 October.
- I attended the Regional Chief Executive Meeting and Chief Executives Environmental Forum in Wellington on 17 and 18 October.
- I took part in a meeting regarding a possible geothermal initiative on 19 October.
- I hosted the West Coast Chief Executives group meeting on 25 October.
- I attended a hui in Christchurch on 26 October with Ngai Tahu staff.
- I will be attending the Mayors and Chairs Forum in Westport on 7 November.

**Annual Leave**

I took one day's annual leave during the reporting period.

**Use of the Council Seal**

The Council Seal was affixed to documents relating to the Escrow agreements for Reddale, Stockton non AMD, Burkes Creek, Deed of Bonding between BT Mining Ltd, Buller District Council and West Coast Regional Council, Deed of Accession and Assumption (Deed of Commitment).

**RECOMMENDATION**

*That this report be received.*

Michael Meehan  
**Chief Executive**

**THE WEST COAST REGIONAL COUNCIL**

To: Chairperson  
West Coast Regional Council

I move that the public be excluded from the following parts of the proceedings of this meeting, namely, -

Agenda Item No. 8.

- 35 – 36      8.1      Confirmation of Confidential Minutes 10 October 2017
  
- 37 – 38      8.1.2      Confirmation of Confidential Minutes of a Special Meeting  
1 November 2107
  
- 8.2      Overdue Debtors Report (to be tabled)
  
- 8.3      Response to Presentation (if any)
  
- 8.4      In Committee Items to be Released to Media

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<b>Item No.</b>	<b>General Subject of each matter to be considered</b>	<b>Reason for passing this resolution in relation to each matter</b>	<b>Ground(s) under section 48(1) for the passing of this resolution.</b>
8.			
8.1	Confirmation of Confidential Minutes 10 October 2017		Item 1 & 2 protecting privacy of natural persons Section 7 (3) (a) of the Local Government Official Information and Meetings Act 1987.
8.1.2	Confirmation of Confidential Minutes of a Special Meeting 1 November 2017		
8.2	Overdue Debtors Report (to be tabled)		
8.3	Response to Presentation (if any)		
8.4	In Committee Items to be Released to Media		

I also move that:

- Michael Meehan
- Robert Mallinson
- Randal Beal
- Hadley Mills
- Heather McKay
- Nichola Costley

be permitted to remain at this meeting after the public has been excluded, because of their knowledge on the subject. This knowledge, which will be of assistance in relation to the matter to be discussed.

The Minutes Clerk also be permitted to remain at the meeting.