

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

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

**TUESDAY, 14 MAY 2013**

**The programme for the day is:**

**10.30 a.m:** **Resource Management Committee Meeting**

**On completion of RMC Meeting:** **Council Meeting**

**Presentation:** **Animal Health Board**

# **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 **Tuesday, 14<sup>th</sup> May 2013**

**B.CHINN**  
**CHAIRPERSON**

**M. MEEHAN**  
**Planning and Environmental Manager**  
**J. ADAMS**  
**Consents and Compliance Manager**

<b><u>AGENDA NUMBERS</u></b>	<b><u>PAGE NUMBERS</u></b>	<b><u>BUSINESS</u></b>
<b>1.</b>		<b>APOLOGIES</b>
<b>2.</b>	1 – 4	<b>MINUTES</b> 2.1 Confirmation of Minutes of Resource Management Committee Meeting – 9 April 2013
<b>3.</b>		<b>PRESENTATION</b>
<b>4.</b>		<b>CHAIRMAN'S REPORT</b>
<b>5.</b>		<b>REPORTS</b>
		<b>5.1 Planning and Environmental Group</b>
	5 – 6	5.1.1 Planning & Environmental Manager's Monthly Report
	7 – 14	5.1.2 Drought Report
		<b>5.2 Consents and Compliance Group</b>
	15 – 17	5.2.1 Consents Monthly Report
	18 – 20	5.2.2 Compliance & Enforcement Monthly Report
		<b>6.0 GENERAL BUSINESS</b>

# 2.1

## THE WEST COAST REGIONAL COUNCIL

### **MINUTES OF THE MEETING OF THE RESOURCE MANAGEMENT COMMITTEE HELD ON 9 APRIL 2013 AT THE OFFICES OF THE WEST COAST REGIONAL COUNCIL, 388 MAIN SOUTH ROAD, GREYMOUTH, COMMENCING AT 10.33 A.M.**

#### **PRESENT:**

B. Chinn (Chairman), R. Scarlett, T. Archer, A. Robb, D. Davidson, A. Birchfield, I. Cummings, J. Douglas

#### **IN ATTENDANCE:**

C. Ingle (Chief Executive Officer), M. Meehan (Planning & Environmental Manager), J. Adams (Consents & Compliance Manager), T. Jellyman (Minutes Clerk)

#### **1. APOLOGIES**

There were no apologies.

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

There was no public forum

#### **3. MINUTES**

*Moved (Davidson / Birchfield) that the minutes of the previous Resource Management Committee meeting dated 12 March 2013, be confirmed as correct.*

*Carried*

#### **Matters Arising**

There were no matters arising.

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

Cr Chinn reported that he attended the NZTA South Island Freight Plan meeting on the 14<sup>th</sup> of March and the Budget Workshop for Councillors on the 26<sup>th</sup> of March.

Cr Chinn reported that he has fielded further telephone calls from concerned landowners who have been affected by the wetlands decisions.

*Moved (Chinn / Archer)*

*Carried*

#### **5. REPORTS**

##### **5.1 PLANNING AND ENVIRONMENTAL GROUP**

##### **5.1.1 PLANNING & ENVIRONMENTAL MANAGER'S MONTHLY REPORT**

M. Meehan spoke to his report advising that he and Cr Archer attended a meeting of the Reefton Airshed Committee (RAC) on the 22<sup>nd</sup> of March. M. Meehan stated that Dr Rene Haeberli of EnviroSolve Ltd attended this meeting and presented on new technology that has been developed and used in Switzerland which reduces PM<sub>10</sub> emissions from domestic chimneys. M.

Meehan advised the trials have been undertaken in towns in Switzerland with good results being obtained. M. Meehan advised that the RAC is very interested in this development and are in communication with Envirosolve. M. Meehan stated that the device consists of a cap on the chimney and a rod that goes down into the inside of the chimney. The rod has a small electric charge through it which attracts the particles and PM<sub>10</sub> to the rod. M. Meehan advised that the maintenance involved is a normal yearly sweep of the chimney ensuring that the device has been switched off prior to sweeping the chimney. M. Meehan advised that the cost of the device is around \$3,000 but the price would come down should they be imported in bulk numbers. M. Meehan reported that the RAC is going to receive a presentation at its next meeting from Mr Roger Best who had developed a down draft burner through his work with Ecan. M. Meehan reported that the RAC is promoting the Warm West Coast homes initiative via the local newspaper and is doing a lot of work outside of its meetings which is very encouraging. M. Meehan reported that a copy of Council's submission on Improving our Resource Management System: Discussion Document" is attached to his report and was sent out to councillors prior to today's meeting.

M. Meehan reported that the first Drought Committee meeting was held here on the 15<sup>th</sup> of March. A subsequent meeting was held on the 22<sup>nd</sup> of March, following this meeting the Minister for Primary Industries, Hon Nathan Guy, declared a drought for the Buller and Grey districts. M. Meehan advised that the declaration provides funding for the West Coast Rural Support to assist those farmers in need with budgeting and counselling services. M. Meehan advised that the Minister visited the region and met with the drought committee on the 3<sup>rd</sup> of April. He visited farms and is aware of the problems farmers are facing with feed coming into winter.

Cr Davidson asked M. Meehan if there is a large build up in chimneys that have been fitted with the new device. M. Meehan responded that based on normal use there is no more build up than usual. M. Meehan stated that Dr Haerberli has used the device in his home town near Mt Ruapehu and it has worked well. There is also a whole town in Switzerland that has used this new technology. M. Meehan stated that one trial has been done on coal but most trials have been done on wood burners. Cr Archer stated that the results of the coal trial show similar results to the wood trial. Cr Archer said that it is a little too early to say how this will work for Reefton but the RAC is quite excited about the prospect of this new technology. Cr Archer stated that there could be a possibility of government funding to use Reefton as a trial should this trial become a success but this is still in its infancy and needs more work yet. M. Meehan advised that there is good information on Envirosolve's website with a video showing how the device works.

Cr Archer drew attention to the section of the submission to MfE on joint / district plan where appeals on joint regional / district plans are limited to where the council would need to make sure that the hearing panel clearly understood the West Coast context. C. Ingle advised that his understanding of proposals put out by MfE is that councillors would no longer be the hearings panel for plans and that MfE is suggesting having independent people brought in. C. Ingle stated that he is concerned about this and that is why when Mr Guy Beatson, from MfE was here he was asked if councillors would be allowed to be on this panel. C. Ingle advised that Mr Beatson said "yes" but he has since emailed C. Ingle and advised him the councillors could not be the majority of the hearing panel. Cr Archer stated that it can be concerning if there are too many panel members from out of the district. C. Ingle stated that on policy matters, his view has always been that the elected members should primarily be the people who are forming the policy because they are elected to do so and have the mandate from the people. Cr Robb stated that decisions on submissions to a plan still have to go through a hearing but if there are councillors who have commissioner status they can now only be a minority on a hearing panel.

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

*Carried*

### **LATE ITEM**

#### **BATHING BEACH WATER QUALITY SAMPLING UPDATE**

**Moved** (Chinn / Archer) *that the late item be accepted.*

M. Meehan advised that this report includes the March sampling round and completes the year's sampling. He reported that overall results are good.

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

*Carried*

### 5.1.2 CIVIL DEFENCE & REGIONAL TRANSPORT REPORT

C. Ingle spoke to this report advising that the training on the Emergency Management Information System (EMIS) is continuing. He stated that the new software is provided by the Ministry and will be tested during the civil defence exercise in May.

C. Ingle reported that the West Coast Controllers Forum hosted Mr Jim Frater, Controller for the Nelson Tasman CDEM group. He stated that Mr Frater spoke about the Nelson floods event in 2011 and how the civil defence response was handled during this event.

C. Ingle reported that he and the Chairman attended a meeting with NZTA staff and their South Island manager about the freight study. He advised that the Financial Assistance Rate Review (FAR) was also discussed at this meeting. C. Ingle advised that there is another meeting on Thursday which will include a wider group of people. C. Ingle advised that NZTA want to take a principle based approach and to look at the principles that sit behind how the FAR is set. C. Ingle advised that there is a huge risk for this region that this will be used as a reason to cut back the amount of funding coming from the government. C. Ingle stated that he is very concerned that if FAR is determined by population then this will impact on maintenance of roads. C. Ingle stated that his approach is to look at the exports this region produces rather than the population that we support. C. Ingle advised that he is working with NZTA staff to work through the best way to ensure that the West Coast gets a fair deal. Cr Archer stated that NZTA continually reduces the percentage of funding for local purpose roads. Cr Chinn stated that he feels that the West Coast is getting a good hearing at the national meetings.

C. Ingle reported that R Funding expires in 2015. He stated that without the availability of R funds in the future then the West Coast would not get as much work done on roads and state highways, including cycling projects, as we have over the last few years. This is because West Coast projects do not rank as highly as those in Canterbury or Auckland where there are large populations. C. Ingle advised that Taranaki and other provincial areas have banded together to try and get the R funding continued so that money can still be spent in the smaller regions. Cr Davidson feels we have a good case. Cr Scarlett stated that the money is being reallocated and he feels it needs to stay as it is.

**Moved** (Chinn / Robb) *that Council receive this report.*

*Carried*

### 5.2.1 CONSENTS AND COMPLIANCE GROUP

J. Adams spoke to this report. He reported that 18 non-notified consents were processed, eight variations of consents were processed. J. Adams reported that there was one limited notified consent application relating to Roundhill Farms. J. Adams reported that the Environment Court released its initial decision regarding the Escarpment Mine consent on the 27<sup>th</sup> of March. He advised that the court has indicated that the consent will be granted, all parties have until the 16<sup>th</sup> of April to reply to the court's decision.

Cr Birchfield commented on Westroads resource consent for gravel extraction and stated that this is a lot disturbance around riverbeds. J. Adams responded that this consent relates to the two yearly renewal of their consent to take gravel at multiple sites around the West Coast region.

**Moved** (Scarlett / Archer) *That the April 2013 report of the Consents Group be received.*

*Carried*

## 5.2.2 COMPLIANCE & ENFORCEMENT MONTHLY REPORT

J. Adams spoke to this report advising that 70 site visits were carried out during the reporting period. He stated that 60 of the visits were dairy inspections. J. Adams reported that 14 complaints were received during the reporting period with enforcement action being taken relating to one of the complaints. J. Adams reported that seven infringement notices were issued during the reporting period, one abatement notice and three work programmes for mining were processed during the reporting period.

Cr Davidson stated that the term "dairy shed inspections" is misleading as it is the entire farm that is inspected. It was agreed that under the activities section of the compliance report, "dairy shed inspections" would be changed to "dairy farm inspection".

**Moved** (Davidson Birchfield) *that dairy shed inspections would be changed to dairy farm inspections.*

*Carried*

**Moved** (Robb / Davidson)

1. *That the April 2013 report for the Compliance Group be received.*
2. *That Council release the bonds held for Resource Consent RC09084 (Peter Morrison).*

*Carried*

## 6.0 GENERAL BUSINESS

There was no general business.

The meeting closed at 11.07 a.m.

.....  
Chairman

.....  
Date

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Council Meeting – 9 April 2013  
Prepared by: Michael Meehan, Planning and Environment Manager  
Date: 1 April 2013  
Subject: **PLANNING & ENVIRONMENTAL MANAGERS REPORT**

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**Reefton Airshed Committee Meeting**

The Reefton Airshed Committee received a presentation from Roger Best on 22 April 2013 regarding down draught burners. This technology works on the principle of solid fuel being fed into a chamber above a combustion area. After a fire is established in the combustion area, fuel and smoke are dragged down into the combustion area by an induced draught, and burnt off. The efficient, 'double burning' means fewer emissions are discharged from the chimney. Mr Best referred to testing done overseas which found that a down draught burner burnt 50 times cleaner than standard burners.

Mr Best is based in Rangiora and has designed down draught burners for central heating and radiator systems, which utilise heat normally lost up the flue. Smaller-scale, stand alone burners could be designed for Reefton homes, and a West Coast company is investigating manufacturing this type of burner. Costs for a stand-alone, down draught burner are difficult to estimate. A model has not been built yet due to problems with carrying out testing.

The Airshed Committee will further discuss these options further at their next meeting.

Continuous monitoring of air quality in Reefton is occurring with no exceedances noted this year.

**Land and Water Plan**

Council has participated in mediation with the only remaining appeal on the Land and Water Plan from Mr Paul Elwell-Sutton. Through mediation and a strike out application to the court by Council, Mr Elwell-Sutton's appeal has been reduced from ten appeal points to two.

The remaining two appeal points are in regard to livestock access to riparian margins within Schedule 1 and 2 wetlands. He also seeks to include provisions in Rule 11 which protect areas from grazing which might meet the criteria for inclusion as a Schedule 2 wetland.

Council has submitted a memorandum to the court and is participating in a teleconference on 8 May with Judge Borthwick and the other parties to the appeal.

**EEZ and Continental Shelf Act Regulations**

Environment Minister Amy Adams has announced that the Exclusive Economic Zone and Continental Shelf Act will come into force in June, along with the first set of regulations to control resource management activities in the EEZ. These initial Regulations will permit, subject to conditions, low impact seismic surveying, marine scientific research, submarine cabling, mineral and petroleum prospecting, and mineral exploration. Petroleum exploration drilling and certain discharge and dumping activities will be a non-notified, discretionary activity, with the consent application processed by the Environmental Protection Authority. Regulations for these latter activities will be consulted on and released later this year.

As most regional councils are reviewing their regional coastal plans, councils may need to consider if or how the above-mentioned activities will be dealt with in coastal plans, if the situation arises whereby any of the activities cross the EEZ boundary into the coastal marine area.

**National Environmental Standard on Contaminated Land**

The recent National Environmental Standard on Contaminated Land has increased District Council's obligations for considering human health when managing land development. The Council hosted a meeting with all the District Councils to discuss how contaminated land can be managed more effectively. Council will enable greater access to Sites Associated with Hazardous Substances register information.



Surface Water Quality

The Autumn Surface Water Quality sampling round began in March. Despite some initial moderate rain, many WCRC water quality monitoring streams remained or returned to low flows, which highlighted the magnitude of the dry spell we had. But the continued wet weather has returned streams to a more typical state.

**RECOMMENDATION**

*That the report is received*

Michael Meehan  
**Planning and Environment Manager**

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Resource Management Committee Meeting 14 May 2013  
 Prepared by: Stefan Beaumont, Hydrologist and Jonny Horrox Resource Scientist  
 Date: 2 May 2013  
 Subject: **DROUGHT REPORT**

**February/March 2013 Drought**

2013 began with region wide flooding (2-4 January 2013) which resulted in road closures and damage to infrastructure including the Wanganui Highway Bridge. Following this event the West Coast reverted to a very dry spell of weather which led to the Minister of Primary Industries declaring a drought for the Buller and Grey Districts.

From both a Hydrological and Climatological point of view this event has been described as significant, with NIWA scientists stating that it equates to approximately a 1 in 80 year drought. The West Coast Regional Council rainfall and flow recorders recorded very little rain and very low flows during February/March 2013.

**Flow**

Measuring flow on our large rivers has proven difficult, with many of the sensors/intakes out of the water due to the low river levels (Karamea River at Gorge, Grey River at Dobson). The Ahaura River at Gorge and Inangahua River at Blacks Point flows were low but not significantly (approximately 1 in 4 to 1 in 6 year flow flows).

The most significant low flow analysed so far is the Buller River at Te Kuha site which recorded its third lowest flow on record, with a low flow value of 73.2 m<sup>3</sup>/s recorded on 16 March 2013 (Figure 1). This is considerably lower than the mean annual low flow of 94.8 m<sup>3</sup>/s. The return period of the Buller River at Te Kuha low flow for 16 March 2013 equates to approximately a 1 in 76 year return period instantaneous low flow.

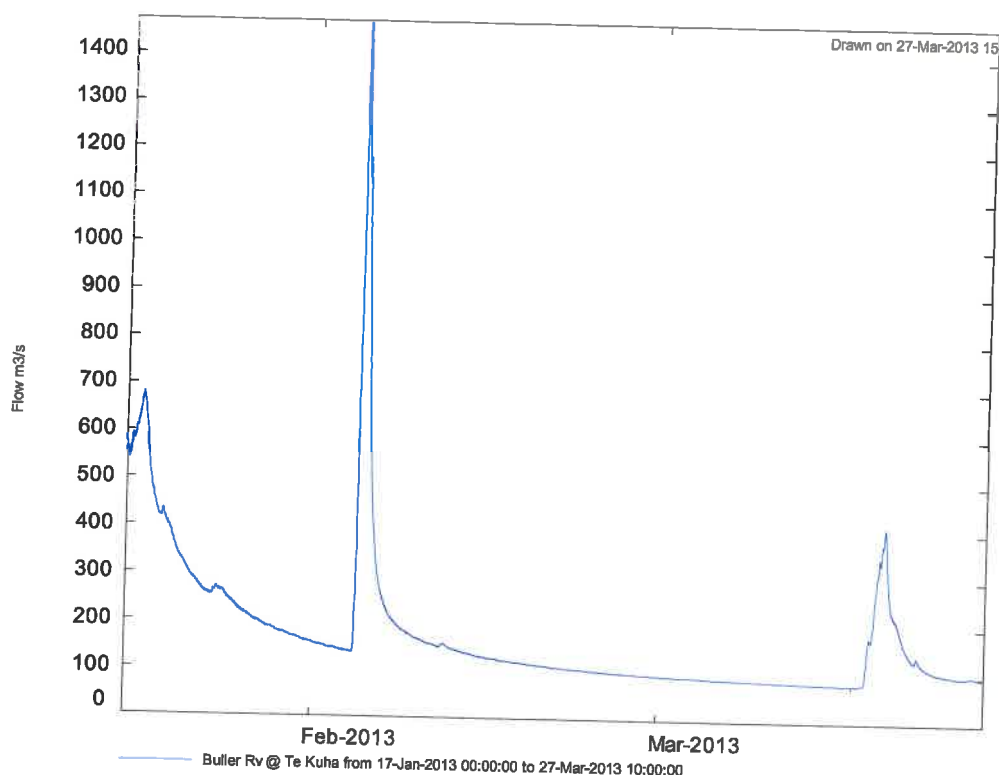


Figure 1: Hydrograph for Buller River at Te Kuha for 2013 drought

**Rainfall**

Rainfall amounts recorded for the January-March 2013 period were very low. Figures 2-4 display monthly rainfall totals from 2010-2013 at 3 sites and compare these totals to the mean monthly total.

The large rainfall event at the beginning of January clearly influences the monthly rainfall totals. No rainfall was recorded rain gauges region wide for a period of between 20-40 days.

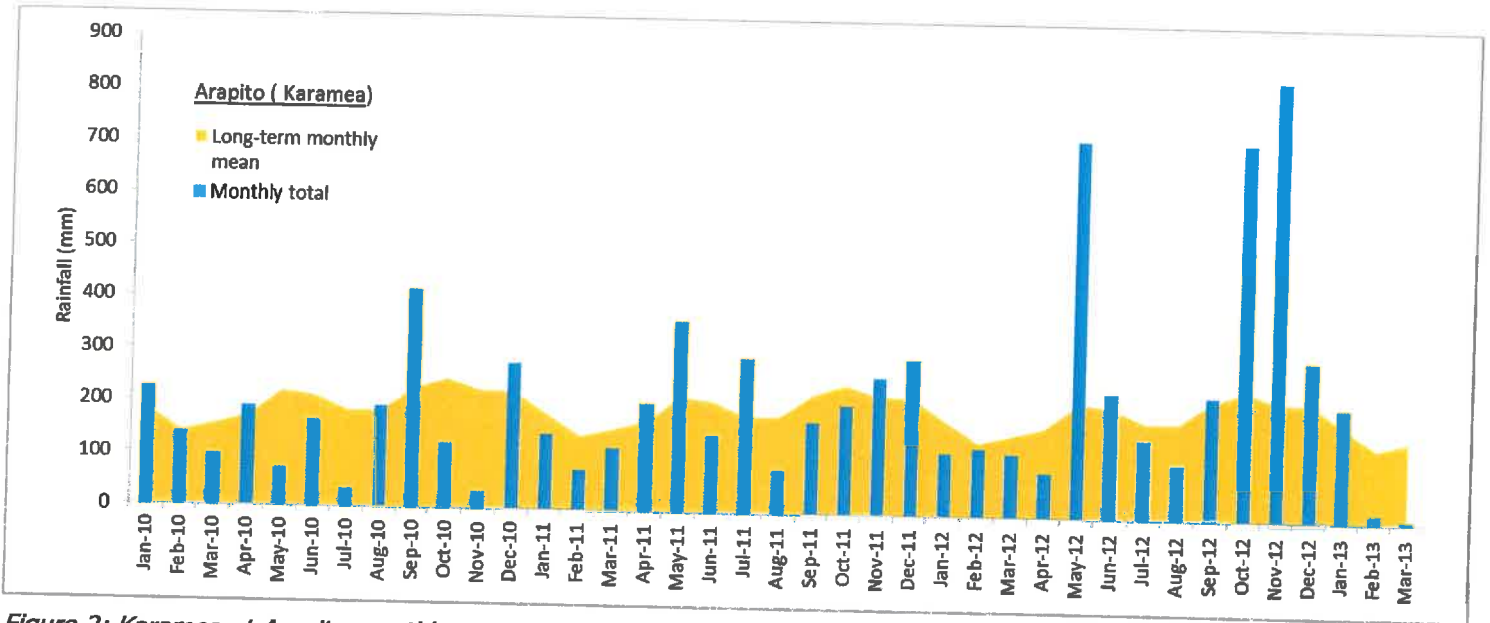


Figure 2: Karamea at Arapito monthly rainfall totals (blue) compared with long-term month mean rainfall in yellow (all in mm) January 2010- 2013

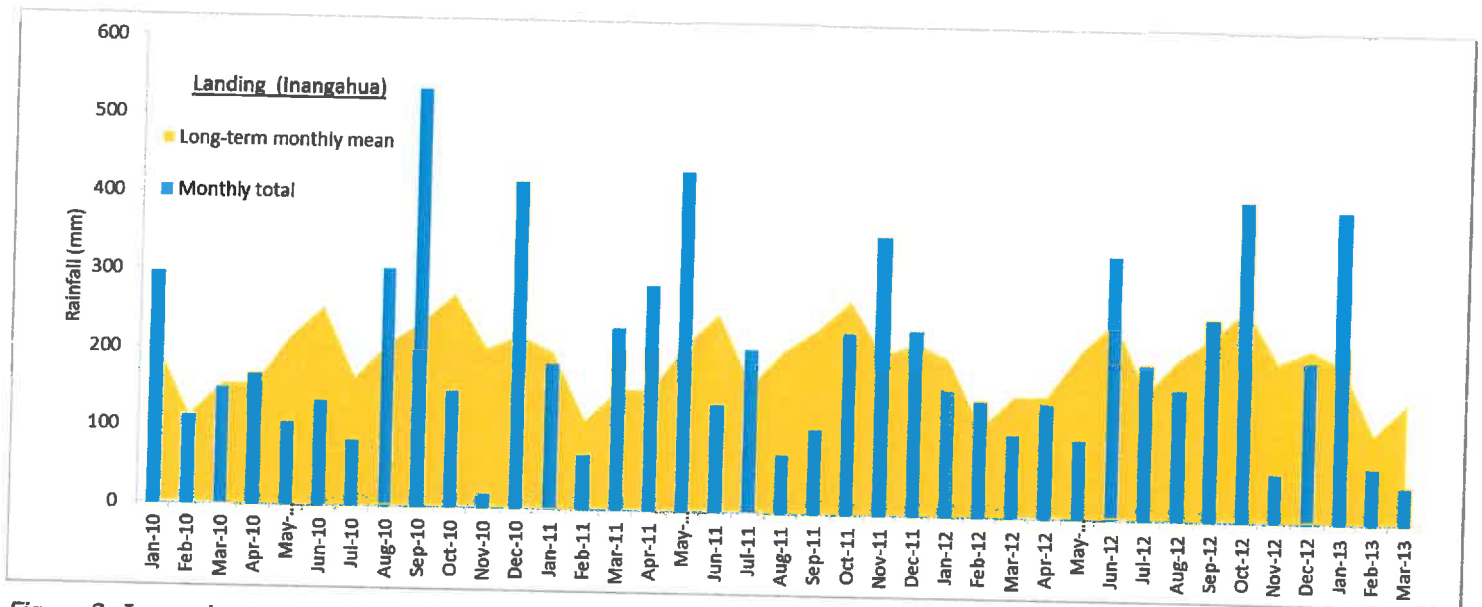


Figure 3: Inangahua River at landing monthly rainfall totals (blue) compared with long-term month mean rainfall in yellow (all in mm) January 2010- 2013

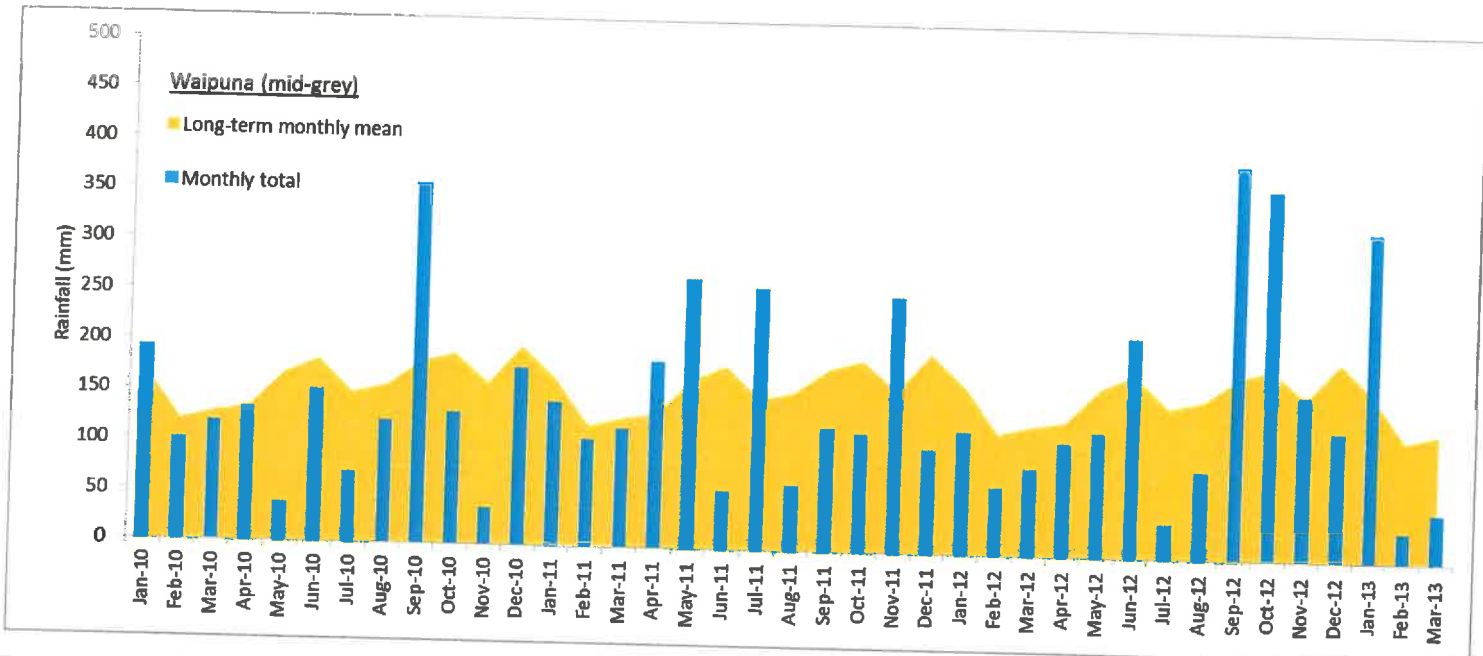


Figure 4: Grey River at Waipuna monthly rainfall totals (blue) compared with long-term month mean rainfall in yellow (all in mm) January 2010- 2013

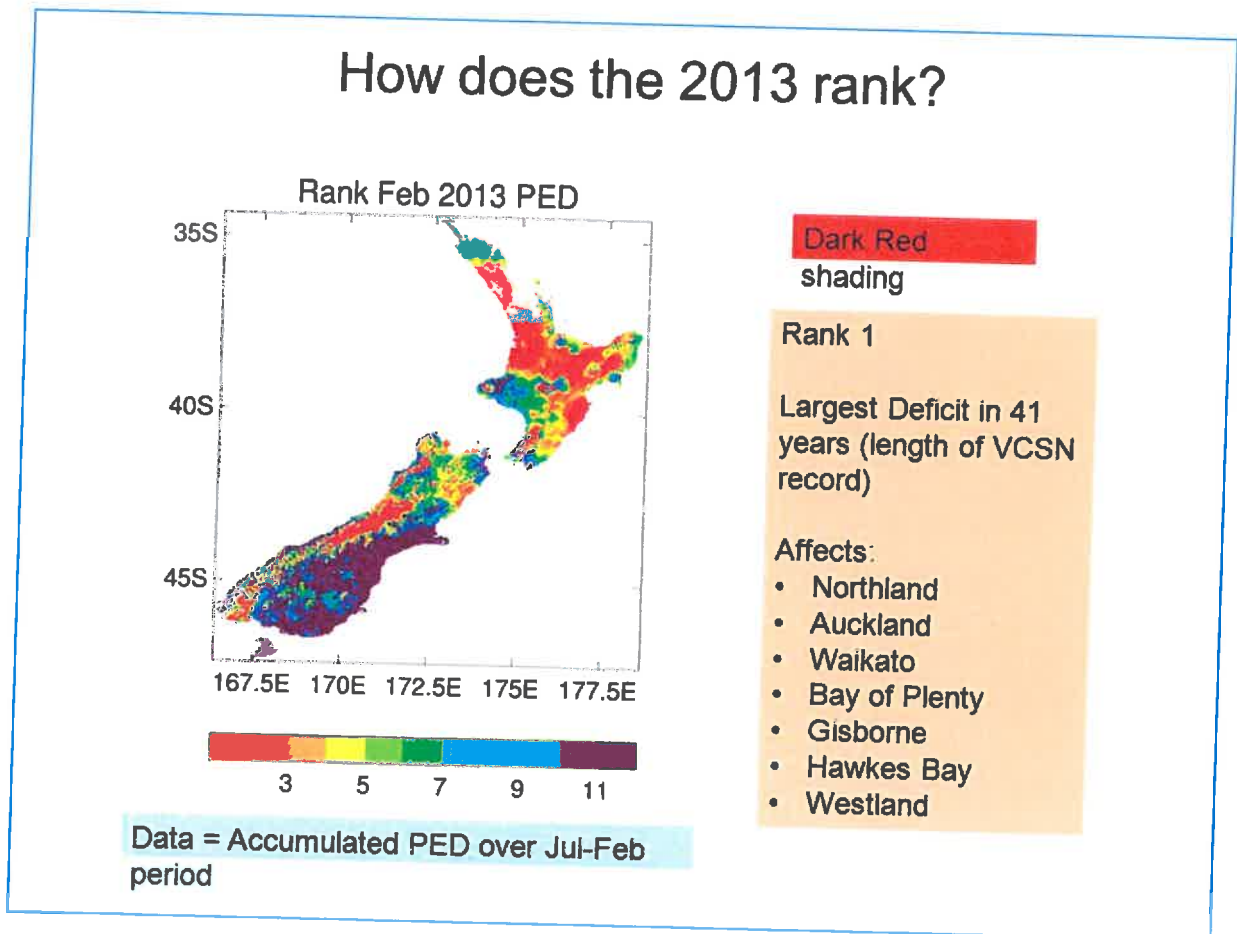


Figure 5: Slide from a NIWA presentation showing the Potential Evapotranspiration Deficit (PED) for New Zealand.

### ***Effects of dry weather conditions on West Coast waterways and groundwater***

Periods of dry weather are not uncommon on the West Coast, but conditions from mid-February to mid-March, 2013, were drier than what has been experienced for many years. No specific investigations were conducted to assess how this particularly dry spell influenced water chemistry and stream health. However, we have considered several sources of information to help us understand how the drought might have affected West Coast stream and groundwater health, including:

- the general scientific knowledge of stream responses to dry weather;
- West Coast seasonal data from previous years;
- West Coast data collected during February – March, 2013.

### ***General information***

Low flows can occur during the warmer months in summer-autumn. Some of the mechanisms that influence stream health during these periods are listed below.

- Low water volumes are easier to heat. High stream temperatures are disliked by more sensitive stream fauna. Warm water also carries less oxygen, which is required by all stream fauna.
- Lower volumes will lead to lower water velocities. This has many effects including:
  - Reduced scouring ability allowing for large build-ups of algal cover
  - Reduced turbulence, which is important for re-oxygenation of water
  - Drying up of stream habitats that provides homes for fish and bugs
  - Faster flowing water is required habitat for many fish and bugs types, and this is reduced during lower flows

When there has not been any rain for several days, most of the water sustaining a stream comes from surrounding groundwater reserves. During the dry conditions groundwater accounted for at least 90% of what was present in most streams. During the warmest months West Coast groundwater temperatures are around 13 to 15 degrees, particularly in the warmer parts of the West Coast. Thus not only is groundwater important as a water source, but it is also important for limiting water temperatures. Some stream animals are stressed by water temperatures that are too high.

On the West Coast, smaller streams are usually the most influenced by external stressors. This is because most of our larger waterways have cool forested headwaters. Riparian shade has a greater benefit for small streams as they are easier to cover compared with their wider counterparts. As smaller streams have less water, they heat up more rapidly when riparian cover is lacking.

### ***Some information from West Coast waterways***

It is important to note that streams will respond differently to dry conditions depending on their individual characteristics. To illustrate this for temperature we use the example of Lake Brunner's three main tributaries, measured in 2007 (Figure 1). The Orangipuku River is in the middle in terms of size but has a constant, strong groundwater/spring source; therefore its flow remains plentiful and cool in summer (< 16°C). The Crooked River is the largest in terms of flow but once the snow melts it can get up to 20 °C. The Hohonu is the smallest of these tributaries and its flow is the most reduced by dry weather. The lower sections are open, and combined with its dark brown colour and low flow potential, temperatures approach 25 °C in summer.

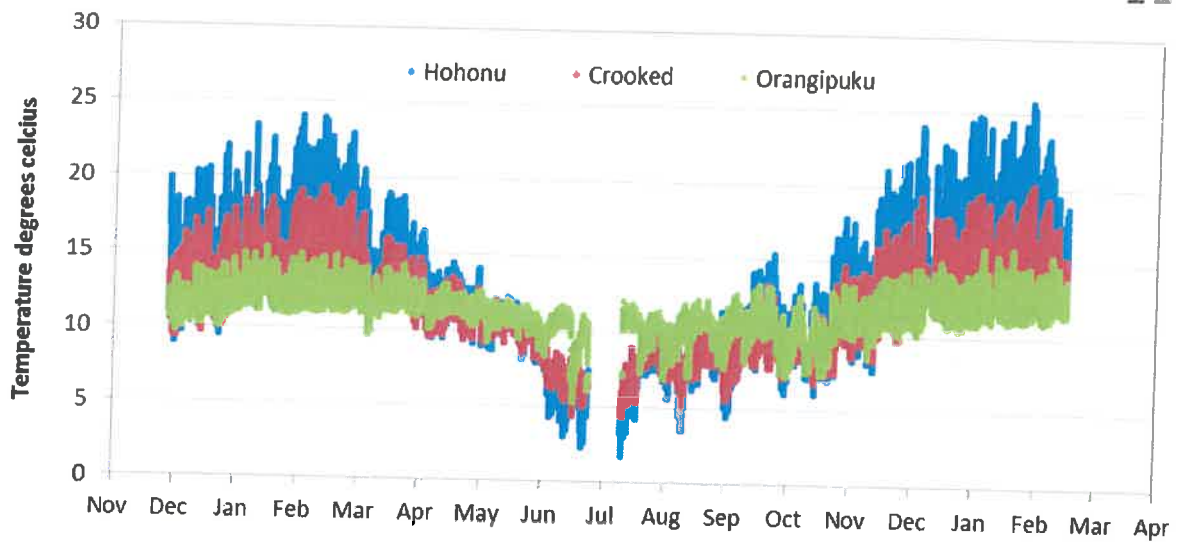


Figure 6: 2006-2007 temperature data for the Hohonu, Crooked, and Orangipuku Rivers.

Temperature was measured continuously at two locations in the Ongionui Creek from 14 February until 1 March, 2013 (Figure 7). The lower site had adequate flow, albeit less than normal. Riparian shading was present in places but a wide channel meant that direct sunlight reached most of the creek for much of the day. Temperatures ranged between 13.2 °C and 18.6 °C, which is within the bounds suitable for sensitive aquatic fauna. The upper site had temperatures ranging from 10.3 °C and 10.7 °C, with a very low flow of around 1-2 L/sec. Shade, and more importantly cool groundwater inputs, proved beneficial for temperatures in Ongionui Creek.

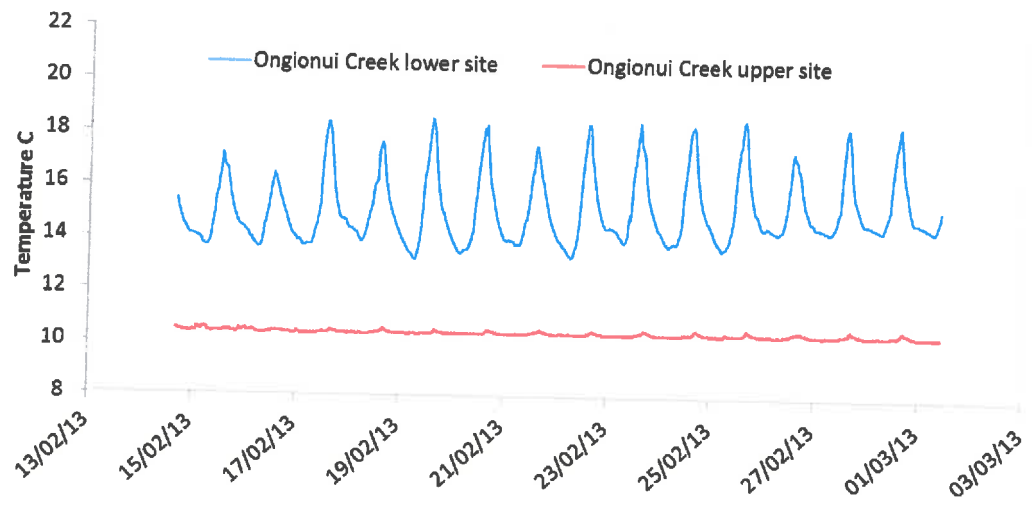


Figure 7: Temperature data for two sites on the Ongionui Creek, 14 February to 1 March, 2013.

We have a good case study of drought effects on temperature and oxygen levels in the Mawheraiti River at the Mawheraiti River Road Bridge. Continuous oxygen and temperature data was collected here from the 14 February until the 14 March, 2013 (Figure 8 & 9). Water flow in this river dropped continually over this period. Flow was low at 1465 L/sec on 14 February, and went down to 732 L/sec on 15 March. This is lower than the river has been for many years. Despite a halving in flow, no obvious change occurred in daily temperature patterns. Cooler mean daily air temperatures were likely later in the period, which might explain a slight trending down in water temperature over time. Peak daytime water temperatures reached 24 °C in February (Figure 8). Temperatures up to 19 °C are considered

suitable for most sensitive aquatic organisms, particularly trout. Feeding and survival of trout begins to be affected above this point.

A turbulent stream with little biological activity would have an oxygen saturation remaining at 100 %. In the Mawheraiti River daily oxygen fluctuations occurred throughout, and increased over time. This was probably as a result of a build-up of algae in response to stable flow conditions. Photosynthesis by algae during the day increased levels of oxygen, but algal respiration pulled it down in the night to  $\sim 90\%$  (Figure 9). Unfortunately, algal and macro invertebrate health is assessed later in autumn, and in spring so we don't have this information. The periodic oxygen minimums of around 8 mg/L (Figure 8) are reasonable and unlikely to have any negative effect on aquatic fauna.

An electric fishing survey was conducted in the Mawheraiti River at a site above the Maimai road bridge on the 14 March, 2013. There were low numbers of small trout present and a lack of medium and large specimens. Many of these, if normally present in the main channel, are likely to have migrated to cooler waters. Many native species were observed but they were often not in habitat that was considered their favourite. A small group of boulders housed over 50 small to medium sized Long fin Eels. Thus many fish were temporarily adapting to a reduced amount of suitable habitat, until flow and water levels increased.

Fish can survive conditions such as these if they are temporary but complete drying up of channels can strand fish and reduce their numbers. Many species will survive in pools, if any remain and the pool still has some habitat. It is unknown how many waterways dried up as a result of the drought. They were most likely to be small hill country streams, but as much of the West Coast's hill country is clad in forest, there may not have been many that dried up without some pool refuges remaining. Macro invertebrates recover rapidly from such conditions providing water quality and habitat becomes suitable again.

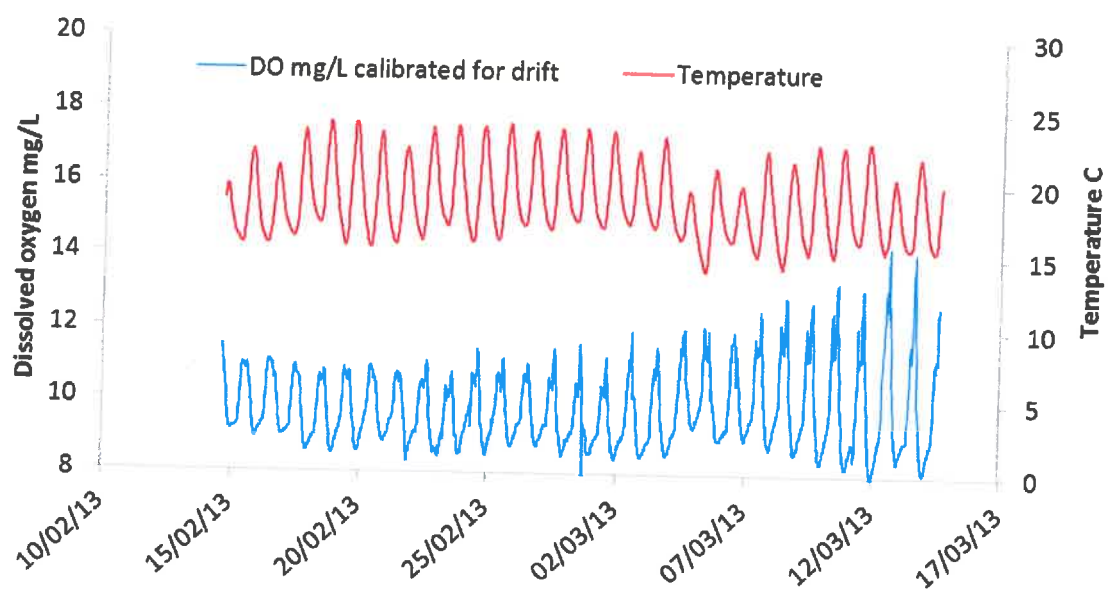


Figure 8: Temperature and oxygen quantities in the Mawheraiti River @ Mawheraiti Road Bridge.



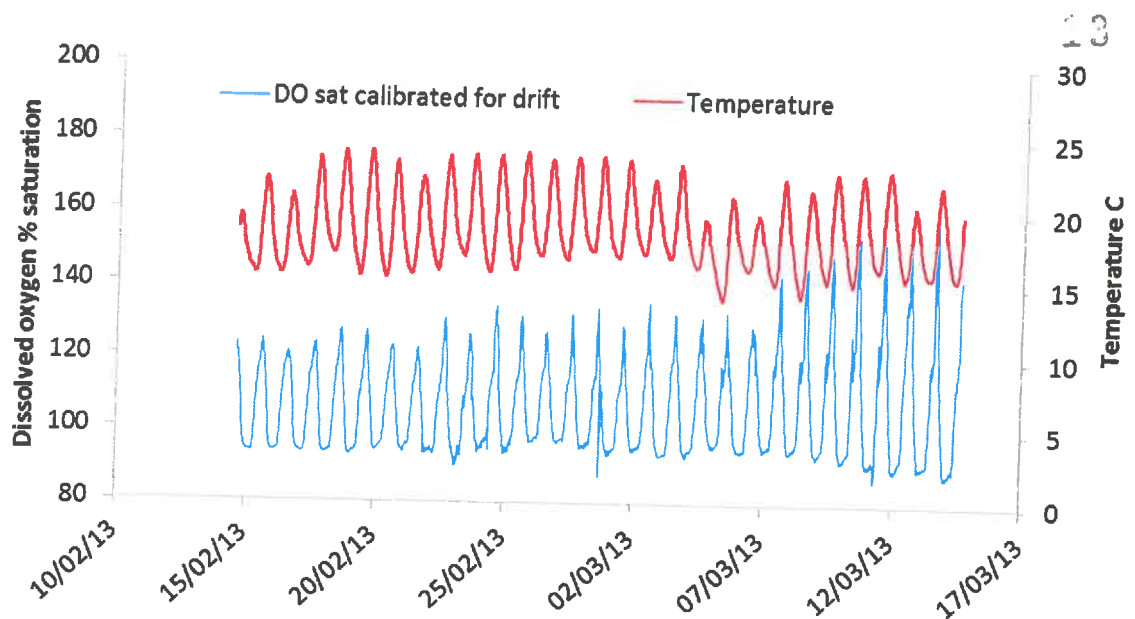


Figure 9: Temperature and oxygen saturation in the Mawheraiti River @ Mawheraiti Road Bridge.

#### **Contact recreation suitability**

Dry conditions are predicted to lead to lower levels of the indicator bacteria WCRC monitors to estimate pathogen risk at swimming sites. This was the case with all sites during the drought period, except Nelson Creek Swimming Hole, which had a low-moderate risk result on the 22 February. The reason for this result is unknown. Possibilities are water fowl, stock access, or an upstream point source of effluent.

#### **Groundwater quality**

There have been several instances during the drought when groundwater levels dropped below supply bore abstraction point. Of interest is that the Inangahua Community water supply went dry for the first time since the bore was drilled some 50 years ago. Given that the West Coast normally receives consistent rainfall, pushing bores further down to account for seasonal variation in groundwater levels is probably not common practice. Fluctuations in water levels are not significant in many West Coast aquifers, particularly on the low alluvial plains adjacent to large rivers.

Conductivity of water indicates the amount of dissolved solids (or salts) in water. For example, salty seawater has a conductivity around 56,000 uScm. Widespread sampling of groundwater has been conducted over the past four years. Analyses indicate that overall conductivity is higher in autumn, compared with other seasons – approximately 70 uScm higher (Figure 10). While groundwater in autumn might be more concentrated, the constituents that cause this tend to be harmless e.g. calcium, magnesium, carbonate, and sodium. One constituent that can be harmful to people in high concentrations is nitrate. However, this does not appear to be elevated in autumn (Figure 11). On the contrary, wet, cold conditions favour migration and persistence of nitrate. Problematic nitrate levels are rare in West Coast aquifers.



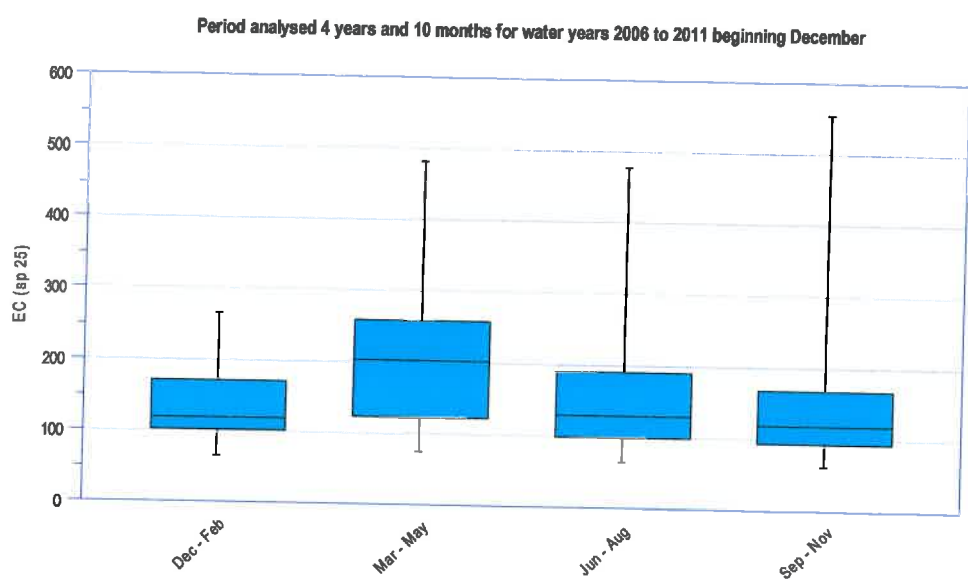


Figure 10: West Coast groundwater conductivities by season.

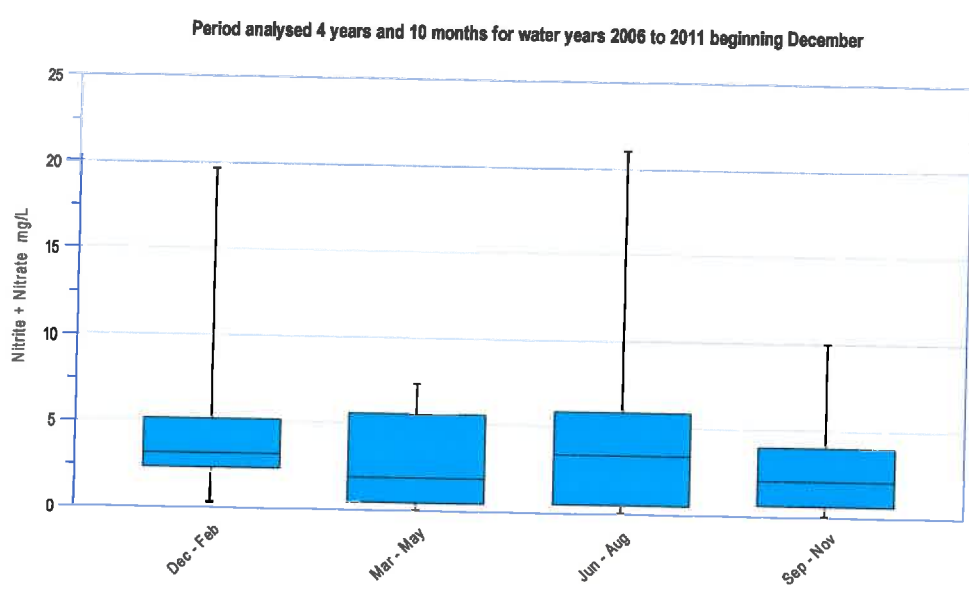


Figure 11: West Coast groundwater nitrate by season.

**Conclusions**

The drought was a significant event which had a major impact on the agricultural sector due to the very low moisture content of non-irrigated soils.

No major impacts on the ecology of the waterways investigated were noted. In other regions affected by drought, fish stranding is common, during this event we received no reports of this and did not find any during our investigation. In general aquatic species adapted to the conditions.

The information collected during the drought period will allow for more efficient processing of future Resource Consent applications to take water.

**RECOMMENDATION**

*That the report is received*

Michael Meehan  
**Planning and Environment Manager**

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Resource Management Committee  
 Prepared by: Jackie Adams - Consents & Compliance Manager  
 Date: 1 May 2013  
 Subject: **CONSENTS MONTHLY REPORT**

**Consents Site Visits 27 March – 30 April 2013**

<b>DATE</b>	<b>NAME, ACTIVITY &amp; LOCATION</b>	<b>PURPOSE</b>
4/4/13	RC13058 - Gary John Stuart, Gold mining, Chesterfield	To access the proposed gold mining activities and to assess the monitoring points for the discharge.

**Non-Notified Resource Consents Granted 27 March – 30 April 2013**

<b>CONSENT NO. &amp; HOLDER</b>	<b>PURPOSE OF CONSENT</b>
RC11106 JR & DJ Stewart Ltd	To discharge treated dairy effluent to land, groundwater and surface water (an unnamed tributary of Nicholas Creek) near DS326, Taramakau Settlement.
RC12167 Whyte Gold Ltd	To undertake earthworks associated with alluvial gold mining at Dunganville.  To discharge sediment-laden water to land in circumstances where it may enter water (the New River and its tributaries) at Dunganville.
RC13019 Road Metals Company Ltd	To take groundwater from land adjacent to the Moeraki River, South Westland.  To discharge water containing contaminants (sediment) to land in circumstances where it may enter groundwater via seepage at land adjacent to the Moeraki River, South Westland.
RC13043 P & E Ltd	To take and use water from a spring for the purpose of irrigation, Inchbonnie.
RC13052 O'Reilly Farms Ltd	To discharge treated dairy effluent to land and surface water (Duck Creek) near DS278, Kokatahi.
RC13053 Mangawaro Enterprises (2004) Ltd	To disturb the bed of Brown and Coal Creeks to undertake a creek diversion, Channel realignment and river protection works.  To divert water, Brown and Coal Creeks.
RC13059 The Christian Church Community Trust	To disturb the bed of an unnamed creek to undertake a creek diversion.  To divert water, unnamed creek.
RC13060 GJ Smith	To disturb the dry bed of the Taramakau River downstream of the State Highway 6 Bridge for the purpose of extracting gravel.
RC13061	To undertake earthworks and vegetation clearance

J & S Liddell	associated with pasture development near Slatey Creek.
RC13064 O'Malley Farming Ltd	To undertake earthworks associated with the flipping of land and pasture development, Ikamatua.
RC13065 B & M A O'Malley Trust	To disturb the bed of Ikamatua Stream to undertake a stream diversion.
	To divert water, Ikamatua Stream.
RC13067 RF Little	To take and use groundwater at Atarau for irrigation.

Changes to Consent Conditions granted 27 March – 30 April 2013

<b>CONSENT NO, HOLDER &amp; LOCATION</b>	<b>PURPOSE OF CHANGE</b>
RC08091[v1] Latte Ltd Ahaura	To increase the volume of water taken for irrigation.
RC09084[v3] Humphreys Mining Ltd Humphreys Gully	To allow for use of water from MacDonalds Creek, and to use a flocculant associated with the discharge at a gold mining operation.
RC09143[v1] Holcim (New Zealand) Ltd Cape Foulwind, Westport	To increase the amount of spent activated carbon waste burnt in the cement process.
RC11178[v1] Department of Conservation Heaphy River	To increase the volume of gravel allowed to be extracted.
RC11221[v1] BRM Developments Ltd Ianthe Forest	To increase the maximum disturbed area associated with a gold mining operation, and a subsequent increase in the bond amount.
RC12015[v1] West Coast Regional Council Whataroa River	To allow the construction of an additional groyne associated with river protection works.
RC12152[v1] Greid Mining Ltd Marsden	To decrease the maximum disturbed area associated with a gold mining operation, and a subsequent decrease in the bond amount.

Limited Notified or Notified Resource Consents 27 March – 30 April 2013

<b>CONSENT NO, HOLDER &amp; LOCATION</b>	<b>PURPOSE OF CHANGE</b>
RC11258 Murray Stewart	To disturb the riparian margins for river protection purposes, Taramakau River.
	To disturb the bed for river protection purposes, Taramakau River.
	To undertake dry bed gravel extraction, Taramakau River.
	To permanently divert water (flood flows), Taramakau River.

RC11261  
John Pugh

To disturb the riparian margins for river protection works, Taramakau River.

To disturb the bed for river protection purposes, Taramakau River.

To permanently divert water (flood flows), Taramakau River.

RC12208  
New Zealand Transport Agency

To disturb the bed of an unnamed stream at Hector associated with stream training works.

To divert water of an unnamed stream at Hector.

To discharge sediment from stream training works to water in an unnamed stream at Hector.

To alter the foreshore/seabed while undertaking stream training works in an unnamed stream at Hector.

To divert water (within the coastal marine area) of an unnamed stream at Hector.

To discharge sediment from stream training works to an unnamed stream at Hector (within the coastal marine area).

Notified Consents Update

Forest and Bird put in two appeals in relation to the Bathurst mining proposal at Denniston Plateau. Mediation took place between Forest and Bird, Bathurst and Crown Minerals on 30<sup>th</sup> April to try and find common ground on consent condition wording. At this time I am unaware of the outcome.

Public Enquiries

41 written public enquiries were responded to during the reporting period. 30 were answered on the same day, 6 the following day, and the remaining 5 no more than 10 working days later. One LGOIMA request was responded to, within the required timeframe.

**RECOMMENDATION**

*That the May 2013 report of the Consents Group be received.*

Jackie Adams  
**Consents & Compliance Manager**

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Resource Management Committee  
 Prepared by: Jackie Adams – Consents & Compliance Manager  
 Date: 29 April 2013  
 Subject: **COMPLIANCE & ENFORCEMENT MONTHLY REPORT**

**Site Visits**

A total of 121 site visits were undertaken during the reporting period, which consisted of:

Activity	Number of Visits
Resource consent monitoring	5
Dairy Farm inspections	94
Mining compliance & bond release	15
Complaint Related	7

Out of the 121 site visits for the reporting period, 95 were compliant and 26 were non-compliant. Three Formal Warnings and two Abatement Notices have been issued in relation to these visits.

**Dairy farms:** A total of 94 dairy farms were inspected throughout the region. Four farms were graded as minor non-compliant due to either lack of pond maintenance, size of storage or race issues. Five farms were graded significantly non-compliant due to pond issues, which include maintenance, sampling results and storage issues. To date one of these five farms has been re-inspected and the issues have been resolved.

Lake Brunner dairy farms are required to have any new consent applications in by the end of May. These new consent requirements are the result of the new Land and Water Plan provisions related to Lake Brunner water quality.

80 Dairy farms are still to be monitored before the end of season.

**Alluvial Gold Mining:** A land based alluvial gold mining operation was found to be operating without settling ponds in place and was consequently issued an abatement notice to cease the discharge of sediment contaminated water.

**Complaints/Incidents between 26 March 2013 – 26 April 2013**

The following 12 complaints/incidents were received during the reporting period:

Activity	Description	Location	Action/Outcome
Discharge to land	Complaint regarding dumping of contaminated materials.	Hokitika	Enquiries are on going. Movement of soil stopped – awaiting sampling results
Discharge to Water	Complaint received about a dirty creek.	Reefton	Enquiries are ongoing – followed up by mining officers.
Discharge to water	Complaint a black discharge is reaching the Grey River via Scotsman's gully.	Blackball	Abatement notice issued.
Works in the bed of a river	Complaint regarding works in the bed of the Wanganui River	Harihari	Enquiries ongoing.

Activity	Description	Location	Action/Outcome
Stock in waterway	Stock in waterways at Lake Brunner	Lake Brunner	Formal warning
Stock in waterway	Stock in waterways at Lake Brunner	Lake Brunner	Formal Warning
Stock in waterway	Stock in waterways at Lake Brunner	Lake Brunner	Formal Warning
Stock in waterway	Stock in waterways at Lake Brunner	Lake Brunner	Enquiries are ongoing.
Discharge to water	Consented sediment discharge exceeded	Stockton	Self-reporting – enquiries ongoing
Discharge to Land	Complaint regarding dumping of roading material	Westport	Incident investigated – inert material used as backfill.
Coastal Marine Area	Sinking of the 'Honeydew 2'	Ships Creek, Haast	Enquiries are ongoing
Coastal Marine Area	Sinking of the 'Lady Anna'.	Grey River	Enquiries are ongoing

### **Formal Enforcement Action**

Three formal warnings were issued during the reporting period:

Activity	Location
Stock in Waterways	Lake Brunner Catchment
Stock in Waterways	Lake Brunner Catchment
Stock in Waterways	Lake Brunner Catchment

Two abatement notices were served during the reporting period:

Activity	Location
Gold Mining	Blackball
Waste water treatment & discharge	Haast

One Abatement notice was cancelled during the reporting period:

Activity	Location
Dairy Effluent Discharge	Kowhitirangi

### **Mining Work Programmes**

The Council received the following 11 work programs during the last reporting period. Six programs were processed in the 20 day timeframe. Other work programs are on hold requiring further information or have only recently been received.

<b>Date</b>	<b>Mining Authorisation</b>	<b>Holder</b>	<b>Location</b>
26/03/13	RC00323	Oceana Gold Ltd	Reefton
27/03/13	RC09009	Brent Hampton	Cariboo
02/04/13	RC97014	Cascade Mine	Waimangaroa
05/04/13	RC09035	Francis Mining - Echo	Reefton
05/04/13	RC02239	Coalbrookdale Mine	Coalbrookdale
09/04/13	RC07129	Southbrook Holdings	Charleston
09/04/13	RC11200	Blacktopp Mining Ltd	Stafford
09/04/13	RC10049	Phoenix Mining Ltd	Marsden
09/04/13	RC07104	Brian Blacktopp Contacting	Rimu
22/04/13	RC11186	Teronick Mining Ltd	Cronadun
22/04/13	RC10055	Rockies Mining Ltd	Stockton

No bonds were received during the reporting period:

### **RECOMMENDATION**

*That the April 2013 report of the Compliance Group be received.*

**Jackie Adams**  
**Consents & 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 **Tuesday, 14<sup>TH</sup> May 2013** commencing on completion of the Resource Management Committee Meeting.

A.R. SCARLETT  
CHAIRPERSON

C. INGLE  
CHIEF EXECUTIVE OFFICER

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<u>AGENDA NUMBERS</u>	<u>PAGE NUMBERS</u>	<u>BUSINESS</u>
1.		<b>APOLOGIES</b>
2.		<b>PUBLIC FORUM</b>
3.		<b>MINUTES</b>
	1 - 3	3.1 Minutes of Council Meeting 12 March 2013
4.		<b>REPORTS</b>
	4 - 7	4.1 Planning & Environmental Manager's Report on Engineering Operations
	8	4.2 Corporate Services Manager's Report
		4.2.1 Westpac Quarterly Investment Report
	9 - 29	4.2.2 Animal Health Board 6 Month Report
5.		<b>CHAIRMAN'S REPORT</b>
6.	30 - 32	<b>CHIEF EXECUTIVE'S REPORT</b>
7.		<b>GENERAL BUSINESS</b>

**THE WEST COAST REGIONAL COUNCIL****MINUTES OF THE MEETING OF THE COUNCIL HELD ON 9 APRIL 2013,  
AT THE OFFICES OF THE WEST COAST REGIONAL COUNCIL, 388 MAIN SOUTH ROAD, GREYMOUTH,  
COMMENCING AT 11.08 A.M.****PRESENT:**

R. Scarlett (Chairman), B. Chinn, A. Robb, T. Archer, D. Davidson, A. Birchfield, I Cummings

**IN ATTENDANCE:**

C. Ingle (Chief Executive Officer), J. Adams (Consents & Compliance Manager), M. Meehan (Planning & Environmental Manager), T. Jellyman (Minutes Clerk)

**1. APOLOGIES:**

There were no apologies.

**2. PUBLIC FORUM**

There was no public forum.

**3. CONFIRMATION OF MINUTES**

**Moved** (Archer / Birchfield) *that the minutes of the Council Meeting dated 12 March 2013, be confirmed as correct.*

*Carried*

**Matters arising**

There were no matters arising.

**REPORTS:****4.1 ENGINEERING OPERATIONS REPORT**

M. Meehan spoke to this report. He drew attention to the photograph in his report of a completed rock retard in the Taramakau rating district. M. Meehan reported that there is some flood damage repair work to be carried out in the Franz Josef rating district. M. Meehan advised that the pinnacle has been removed in Kiwi Quarry. He stated this work went well and has significantly reduced risk in this quarry.

**Moved** (Robb / Chinn) *that this report be received.*

*Carried*

**4.2 CORPORATE SERVICES MANAGER'S REPORT**

C. Ingle spoke to this report in R. Mallinson's absence and advised that R. Mallinson is currently attending a financial management seminar. C. Ingle advised that the surplus is just over \$1M compared to the budgeted surplus of just over \$500,000. He stated that Council's investment portfolio is continuing to perform well with returns of just over \$1M. C. Ingle advised that we will have a Westpac report for next month's council meeting to report on the portfolio's financial performance from 1 January this year. They will then report quarterly from now onwards. C. Ingle advised that R. Mallinson has apologised in advance

as next month he will not be able to do a full financial report for a variety of reasons but we will have an investment report for councillors.

C. Ingle reported that as of yesterday there are now 79 ratepayers who have joined the Warm West Coast scheme. He stated that there has recently been a big increase of Greymouth ratepayers who have joined the scheme.

Cr Scarlett asked if the \$400,000 withdrawn from the investment portfolio is bridging finance for the draw down for the Warm West Coast scheme. C. Ingle responded that there is no link to the Warm West Coast scheme as it is funded purely from loans. He advised that the \$400,000 is drawn down every year so that 50% of portfolio earnings can be spent on council programmes.

Cr Archer commented that the VCS Business Unit is continuing to perform well.

**Moved** (Archer / Cummings) *that this report be received.*

*Carried*

#### **4.2.1 ADOPTION OF ANNUAL PLAN 2013 /14 FOR PUBLIC CONSULTATION**

C. Ingle spoke to this report and advised that this is the formal adoption of the Draft Annual Plan for public consultation.

**Moved** (Robb / Birchfield)

1. *That the 2013/14 Draft Annual Plan be approved for release to public consultation pursuant to sections 83 and 95 of the Local Government Act 2002, subject to the finalisation of the rating factors by the Corporate Services Manager.*
2. *That the 2013/14 Draft Annual Plan be publicly notified no later than 20/4/2013.*
3. *That the public consultation period will run for one month from the date publicly notified.*
4. *That public hearings be held at 10.30 am on Tuesday 28 May 2013.*
5. *That following the consideration of public submissions, Council will finally confirm the 2013/14 Annual plan at its meeting on 11 June 2013.*

*Carried*

#### **4.2.2 EIGHT MONTH PERFORMANCE REVIEW**

C. Ingle spoke to this report and advised that the report that was sent out in the agenda has since been updated. New reports were distributed and councillors took time to read the updated report.

Cr Chinn drew attention to the performance target which states that the Land and Riverbed Plan and the Water Management Plan have now been made operative. Cr Chinn feels that Land and Riverbed Plan has not been made operative at all as the same procedure has not been followed in the Schedule 2 wetlands because landowners of Schedule 2 wetlands were not consulted with. Cr Scarlett agreed with Cr Chinn and stated that it wasn't a great process and these people have missed out. Cr Archer suggested that the performance target be altered to say that following the Environment Court directive that 185 more wetlands be added into the Plan. It was agreed that this change would be made. Cr Birchfield feels that this land has been confiscated and landowners have not been compensated. C. Ingle advised that landowners can still apply for consent but in some cases consent may not be granted.

C. Ingle advised that Council's submission on the Marine Transport law reform process has been very successful with the Select Committee accepting everything that was asked for. C. Ingle advised that the select committee did not realise that this Council did not manage the West Coast ports and that there are different arrangements in place on the West Coast than other parts of the country. C. Ingle stated that it is good to see that a common sense approach has been listened to.

**Moved** (Archer / Robb) *that this report be received.*

*Carried*

## 5.0 CHIEF EXECUTIVE'S REPORT

C. Ingle reported that he attended an Envirolink meeting in Wellington on the 2<sup>nd</sup> of April. C. Ingle advised that the Annual Plan process includes several changes to rating district boundaries or classifications. He stated these changes may be the biggest issue that affected landowners may make submissions on. C. Ingle advised that the proposed change to the Red Jacks rating district is quite significant as it is an increase to the rating area. The Wanganui and Whataroa rating districts changes are more minor. C. Ingle advised that an individual letter to each member of these rating districts will be sent out outlining the proposed changes in their rating districts and inviting them to make a submission. Cr Archer asked C. Ingle if he was able to form an opinion, when presenting the submission on proposed RMA changes, to the Select Committee on how they are feeling about the proposed changes. C. Ingle advised that he did not go to Wellington but spoke to the submission via teleconference. He advised that questions were asked by Eugenie Sage and Maggie Barry, these questions related to reporting, monitoring and estimated costs. C. Ingle advised that council's submission was focused on the costs of increased monitoring for national reporting purposes which has had an impact at official level. A copy of the submission was sent to Mr Guy Beatson from MfE who has investigated with senior staff in terms of if this goes through, how are the regulations that are then set in place are exercised by the Minister. C. Ingle advised that Mr Beatson informed him that based on the information he has received, the new regulations would involve consultation with councils around the regulation setting process, and councils would be involved with this.

**Moved** (Birchfield / Cummings) *that this report be received.*

*Carried*

## 6.0 CHAIRMANS REPORT (VERBAL)

Cr Scarlett reported that he attended the budget workshop on the 26<sup>th</sup> of March. He also attended to constituency matters during the reporting period.

**Moved** (Scarlett / Robb) *that this report be received.*

*Carried*

## 7.0 GENERAL BUSINESS

There was no general business.

The meeting closed at 11.43 a.m.

.....  
Chairman

.....  
Date

**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Council Meeting – 14 May 2013  
Prepared by: W. Moen – River Engineer and Paulette Birchfield – Engineering Officer  
Date: 3 May 2013  
Subject: **ENGINEERING OPERATIONS REPORT**

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**RIVER AND DRAINAGE INSPECTIONS**

- Franz Josef RD – Inspection
- Vine Creek – Inspection
- Wanganui RD – Inspection
- Punakaiki RD - Inspection

**WORKS COMPLETED AND WORKS TENDERED FOR****Franz Josef Rating District – Flood Damage**

This work involving the placing of 3,078 tonnes of rock and 800 m<sup>3</sup> of compacted hard fill has been completed by Westland Contractors Ltd at a price of \$69,041.82 (G.S.T. Exclusive).



*Franz Josef RD – Church Stopbank – Finished Rockwork*





*Franz Josef RD – Church Stopbank – Trenching "toe" rock 4 metres deep*

#### **FUTURE WORKS**

- Redjacks Creek Rating District
- Inchbonnie Rating District
- Karamea Rating District
- Wanganui Rating District
- Punakaiki Rating District

#### **QUARRIES**

##### Blackball Quarry

A safety bund and pit was constructed around an overhang above the access road to the quarry. The construction of a catch bund was a recommendation from a geotechnical inspection and assessment by Terra Firma Engineering Ltd.



*Safety bund below overhang*

### Kiwi Quarry

On 2 April 2013 a section of the pinnacle of rock located above SH6 was removed due to safety concerns. The blast went according to plan with the majority of blasted rock removed following the shot.



*Pinnacle prior to rock removal.*



*Pinnacle rock after blasting*

**Quarry Work Permitted from 20 March 2012**

Quarry	Contractor	Tonnage Requested	Permit Start	Permit Finish
Whataroa	WCL	3,000	1 April	1 May
Inchbonnie	WCL	500	16 April	31 April

**Approximate rock in quarry as at 22 April 2013 (in tonnes)**

Quarry	Rock Available	Emergency Stockpile
Blackball	2,300	
Camelback	6,500	2,000
Inchbonnie	3,000	
Kiwi	4,000	-
Whataroa	3,000	2,000
Okuru	1,500	-

**RECOMMENDATION**

*That the report is received*

Michael Meehan  
**Planning and Environment Manager**



**THE WEST COAST REGIONAL COUNCIL**

Prepared for: Council Meeting  
 Prepared by: Robert Mallinson – Corporate Services Manager  
 Date: 17 April 2013

**1. Financial Report**

As advised by Chris Ingle at the April meeting, there is no financial report for the 9 months to 31 March due to management training and annual leave co-inciding with key dates.

**2. Investment Portfolio**

March 2013	Catastrophe Fund	Major Portfolio
Opening balance 1 March 2013	\$ 622,434	\$ 11,325,493
Income March 2013	\$ 4,657	\$ 94,203
Deposit	\$ 50,000	\$ -
Closing balance 31 March 2013	\$ 677,091	\$ 11,419,696
Total income year to date 31 March 2013	\$ 57,379	\$ 1,101,605

The format of the portfolio report has been changed to simplify the presentation.

**3. Warm West Coast Scheme**

As at 15 April it appeared that approvals for the year to 30 June were likely to be in the region of 140 – 150. One of the contactors advised us on 15 April that they would be forwarding > 50 applications to us shortly.

This is excellent news given the uncertainty regarding the continued operation of the EECA scheme after September 2013.

At an average cost (to date) of approximately \$4,000 (GST exclusive) per property, this will likely require bank funding of \$600,000. I already have \$400,000 arranged from Westpac to draw down on 28/6/13.

**RECOMMENDATION**

*That this report be received.*

Robert Mallinson  
 Corporate Services Manager

## 4.2.2

### THE WEST COAST REGIONAL COUNCIL

Prepared for: Council Meeting  
Prepared by: Chris Ingle – Chief Executive  
Subject: **Report from the Animal Health Board July to 30 December 2012**  
Date: 6 May 2013

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As per the funding agreement, the Animal Health Board provides a six monthly report to Council with regard to West Coast Bovine Tb Programme Management.

Representatives from the Animal Health Board will present their report to Council on 14 May 2013.

#### RECOMMENDATION

*That the report be received.*

Chris Ingle  
Chief Executive



## Animal Health Board; West Coast Programme Management Bi-Annual Report - July to 30 December 2012

To: Chris Ingle, Chief Executive, West Coast Regional Council  
 From: Danny Templeman, Regional Coordinator Northern South Island  
 Date: 31 January 2013

### Regional Council Strategic Targets (from March 2012)

1. Eradicate TB from approximately 200,000 ha of TB VRA by 30 June 2026
2. Protect TB VFA by preventing expansion of TB VRA
3. Suppress infected herd numbers at a cost-effective level that supports < 0.4 per cent period prevalence nationally through to 30 June 2026: (West Coast Tasman less than or equal to 40 infected herds).

### Progress to Regional Targets

#### 1. Eradication:

56,000 hectares is planned to move into a pre-eradication phase in 2014.

#### 2. TB Free Area Protection:

Achieved - no infected herds located outside the West Coast Vector Risk Area.

#### 3. Infected Herd Suppression (as at 30/01/13):

Achieved - 40 infected herds within the West Coast region.

#### • Infected Herds

As at 30 January 2013, there are 40 infected herds in the West Coast region, this equates to:

- o 31 dairy herds
- o 1 dairy dry herd
- o 6 beef breeding herds
- o 2 deer breeding herds

Infected herd numbers are at the upper limit of the regional I-herd objective. This is because we have implemented a more stringent programme of testing prior to returning the herd to a clear status. The extra testing includes; requiring a blood test post the herd achieving a second clear whole herd TB skin test, laboratory culturing of lymph nodes for reactor animals which show no visible lesions at slaughter and extra skin testing of other animals that may have had contact with a Tb infected animal.

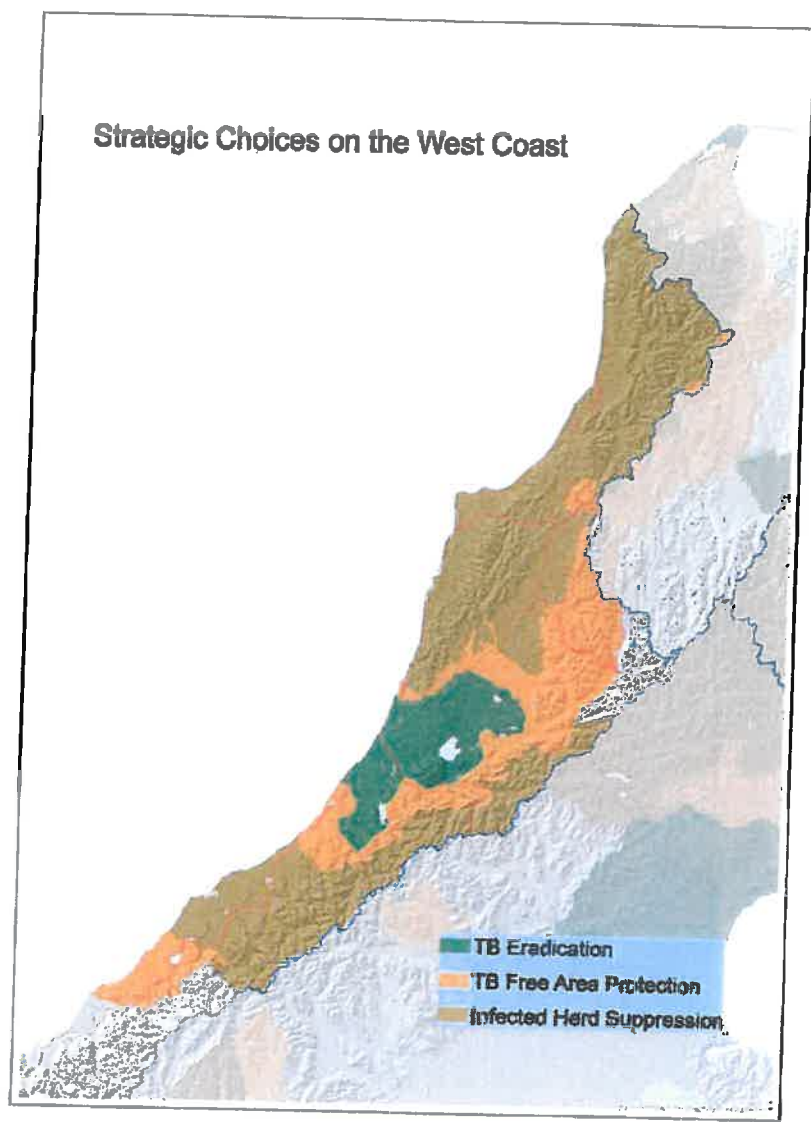
This extra testing does add to the length of time a herd may be infected, but it does increase our sensitivity of detection of TB which means we find cattle infected that otherwise may have been missed. In these cases the herd stays infected for longer, but ultimately will have less chance of having a subsequent breakdown.

Our funders and strategy partners:



New Zealand Government





**Infected Herds as per Strategic Choice Area**

Strategic Choice	
Eradication	16
Free Area Protection	7
I Herd Suppression	17
<b>Grand Total</b>	<b>40</b>

Whilst the above table indicates a large number of infected herds in the eradication area of the West Coast this will reduce as time goes on and vector control effort intensifies in this area over the next few years.

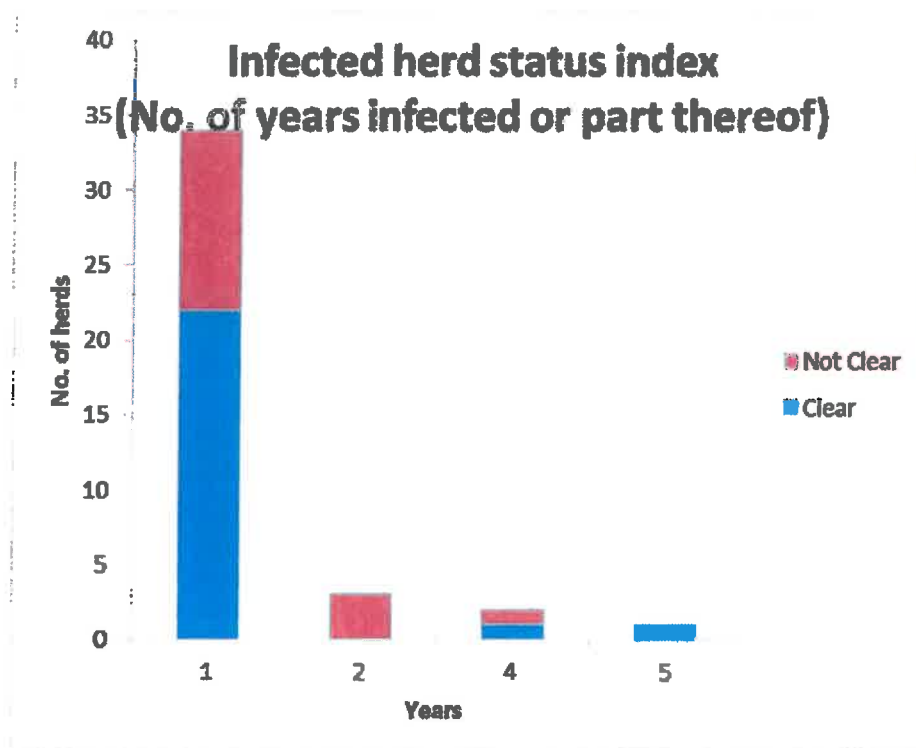
It is believed that infected herds within the eradication area can be cleared permanently through the course of the current strategy.

### Long term infected herd clearances

The reporting period has seen two significant infected herd clearances.

The first being a herd that had been infected continuously for a period of 14 years located in the Buller district. This herd completed three clear whole herd TB tests (under normal conditions a herd is required to complete two whole herd tests) and numerous parallel blood tests.

The second clearance is that of a high risk herd located in the Grey District. This herd had experienced significant animal losses due to TB infection during its four years under an infected status.



The graph above shows the number of current infected herds and of those which have achieved one clear whole herd test.

The graph also shows the longest continually infected herd located on the West Coast currently which is 15, meaning it has been infected for five years, it is also coloured blue indicating that this herd has achieved one clear test.



## **Disease and case management**

A veterinary practitioner from Buller Vets has accepted a contract to provide case management services to TBfree New Zealand in the Northern part of the West Coast. This position will investigate new infected herd cases and provide management of the herd until it is returned to a clear status.

The remainder of the case management duties for newly infected herds will remain under the care of the Area TB Manager for TBfree New Zealand.

## **Communication**

TBfree New Zealand held two farmer meetings in Westport and Karamea. These meetings were well attended with assistance from the West Coast TBfree committee. The meetings concentrated on the future of the programme for each area, a detailed breakdown of what was happening with the disease and a national TB research summary. It is planned that these meetings will be held in other areas of the West Coast over the next few months.

Two TBfree open days were held in the later part of the reporting period. The first in Fox Glacier was in association with the Waiho north and south aerial operations. This event was not well attended, however this operation has since been deferred as a result of the possum monitors activities showing low possum numbers. The second open day was held in Kumara, in association with the proposed Taipo/Milltown/Turiwhate aerial operations. This event was attended by approximately 15 to 20 locals who had the opportunity to learn about and discuss the TB programme.

Other communication activities during the period have been vector control landowner letters, advertising and articles in the *Farming Times supplement of the Greymouth Star* and the Westland Milk Products supplier newsletter.

TBfree New Zealand is currently designing an information document for the wider community providing an overview of the two-year TB control programme.

## **Merger of NAIT and Animal Health Board**

From 1 July 2013, OSPRI New Zealand will be the new organisation created by the merger of the Animal Health Board and the NAIT (National Animal Identification and Tracing) scheme. The name touches on current and future aspirations in providing operational solutions for primary industries in New Zealand. The merger aims to enhance New Zealand's biosecurity and pest management strategies through collaboration and preparedness. OSPRI New Zealand will continue to be committed to delivering the two current programmes, with room to explore broader opportunities to add value to the sector. Its board of directors is led by Jeff Grant, a current board member of both the AHB and NAIT boards. William McCook has been appointed OSPRI New Zealand's chief executive.

## Vector Operations

The current programme is on track to be completed within the 2012/13 financial year.

Increased population monitoring of proposed aerial operations has been introduced following research that showed in some areas the level of control achieved by aerial 1080 was sufficiently high to allow the blocks to remain un-controlled for greater than the usual five-year return period while maintaining very low possum populations. This has resulted in a number of proposed aerial operations being deferred until possum numbers are high enough to require control.

Ground control operations continue to be completed to a high standard. This is evident through monitoring and auditing all possum control activities.

The planning of the proposed 13/14 programme has been completed and is currently being prepared for technical review and sign-off by the senior management team of the AHB.

### Activities completed as at 30 December 2012

TMA	Possum Control (Ha)	Performance Monitors (Ha)	Possum Surveys/ Detections (Ha)	Ad Hoc Survey (Ha)	Total Hectares	Value (\$)
West Coast North (Buller)	7,997	6,668	0	0	14,665	\$152,600
West Coast Central (Grey)*	116,998	70,106	0	0	187,105	\$1,877,975
West Coast South (South Westland)	54,890	49,692	32,706	0	137,289	\$1,156,586
<b>Totals</b>	<b>179,886</b>	<b>126,467</b>	<b>32,706</b>	<b>0</b>	<b>339,060</b>	<b>\$3,187,162</b>

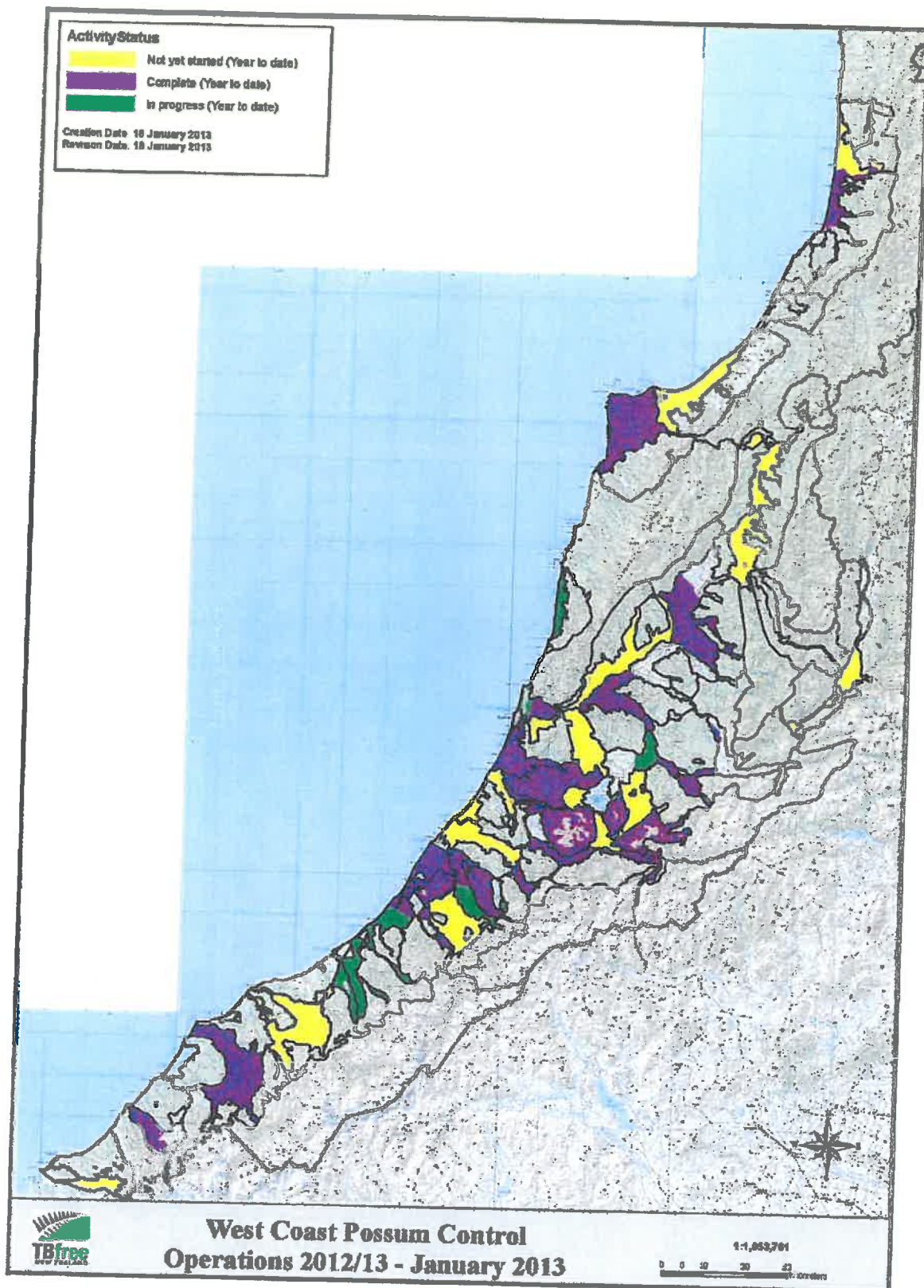
\* Please note that all Buller South operations fall under the Grey TMA.

- As at 30 December 2012 50 per cent of the West Coast programme had been delivered and fully paid
- Nine aerial operations were completed
- 292 ground control activities were completed
- 245 performance monitor activities were completed
- Between July and December 2012 there were eight performance failures. Five were reworked and three were technically passed.

### Wild animal surveys July – December 2012

Capture month	Species	Post mortems	Has TB
July	Possum	2	0
	Pig - carcass	1	0
September	Possum	46	6
	Pig - head	1	0
	Possum	99	0
	Stoat	1	0
October	Possum	46	0
	Pig - head	1	0
	Possum	32	0
December	Possum	71	0







## Appendix 1 National Objectives of TB National Pest Management Plan (NPMP)

### Introduction

The Animal Health Board (AHB) is the management agency for control of bovine TB under the Biosecurity Act 1993. A review of the national TB strategy was carried out in 2009 and a proposal to revise the strategy to provide for an effective and strategically sound TB control programme for the 15 years from 1 July 2011 was approved. This revision signals a change in emphasis from reducing the number of infected herds, to reducing the area containing TB possums. In particular, it proposes a strategic eradication of TB from wildlife in land areas classified as Vector Risk Areas (VRA), along with minimising the infection risk to cattle and deer.

The objective of the national TB strategy in the past has been to reduce the number of TB-infected cattle and deer herds to a 0.2 per cent annual period prevalence by 30 June 2013. Progress has been well ahead of the targets needed to meet this objective.

Under the revised strategy the AHB has identified a number of new objectives.

The primary objectives of the plan are to:

1. Establish the feasibility of eradication of endemic TB from wildlife populations across a representative range of New Zealand terrains, by achieving:
  - a. Eradication of TB from vector populations in two extensive forest areas representing relatively difficult operational terrain containing vector infection.
  - b. Continued freedom from wildlife infection in areas where TB is considered to have been eradicated from wildlife populations.
2. By 30 June 2026, to have eradicated TB from wild animal populations from at least 2.5 million hectares of TB Vector Risk Area, including the areas in 1a. above, with consequent reclassification of this land as TB Vector Free Area (VFA).
3. Prevent the establishment of TB in possum populations in Vector Free Areas during the term of the proposed strategy.

The secondary objective of the strategy is to:

1. Maintain the national TB infected herd annual period prevalence at the lowest possible level while achieving the primary objectives, and at no greater than 0.4 per cent throughout the term of the proposed strategy.

The plan for the achievement of these objectives has been described in the National Disease Management Plan (NDMP) for the period of 15 years from the start of the strategy at 1 July 2011. Given the funding available for implementation of the strategy the current vector risk area of New Zealand has been divided into three strategic choices.

## **Eradication**

This is the land area from which the disease (Bovine TB) will be eradicated by the completion of the current strategy in 2025/26. The land that is within this strategic choice (approximately 2.5 million hectares) will have received sufficient control that the density of the possum population will have been maintained at lower than two per cent RTC (two possums per ten hectares) without any residual clustering of possums allowed. The focus in these areas will be on gathering data from surveillance of possums and other wildlife to allow proof of freedom to be achieved at a confidence of greater than 95 per cent.

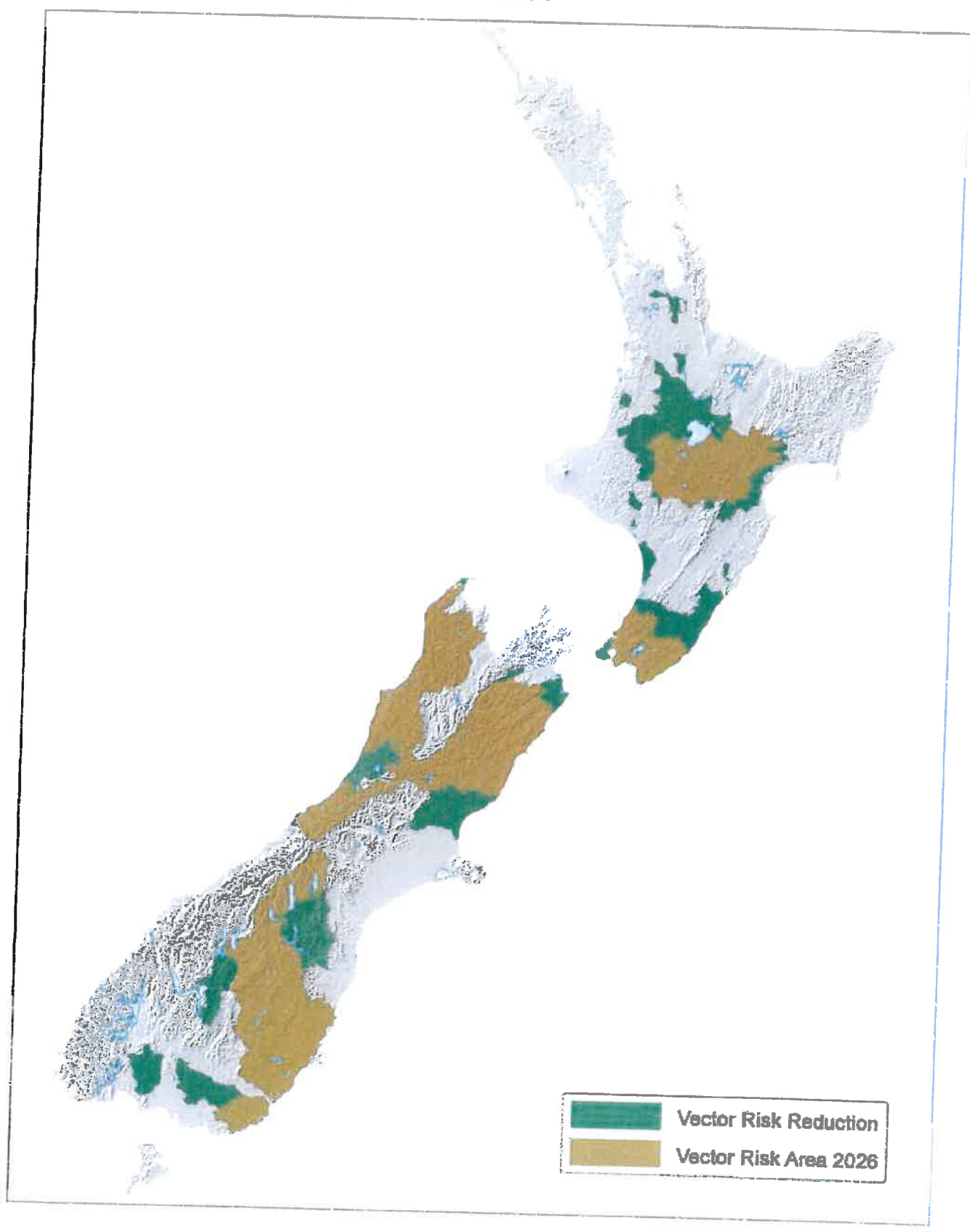
## **Free Area Protection**

The land within this strategic choice will generally surround or protect the land already free from TB or working towards the eradication goal. The aim of control is to prevent the migration of infected possums from an area where known infection exists to that area being protected. This requires a similar level of intensity of control as that in eradication with low even control but surveillance is only required to check the disease status of wildlife present within the area.

## **Infected Herd Suppression**

The remaining VRA land is where there is known wildlife infection and the target of control is to prevent interaction between infected wildlife and cattle and deer farms. Control is targeted on a cycle aimed at keeping possum density as low as possible in order to keep the national annual infected herd period prevalence as low as possible with available funding without letting it go any higher than the national level of 0.4 per cent.

**Appendix 2**  
**Map of NZ with current and planned eradication**







Commercial in Confidence

**Appendix 3: Payments made for West Coast from 1 July 2012 to 31 December 2012**

Activity ID	Activity Area Name	Activity Type	Jul Payments	Aug Payments	Sep Payments	Oct Payments	Nov Payments	Dec Payments
45791	Alexander Range Aerial	Aerial control input based	\$120,547.50	\$134,044.14				
60789	Alexander Range Aerial	Bird monitoring	\$1,292.40	\$8,300.00				
45794	Alexander Range Aerial	Helicopters		\$1,278.00				
45796	Alexander Range Aerial	Security		\$752.50	\$902.50			
59446	Alexander Range Aerial Exclusions	Ground control input based						
45335	Buller South Block 1 B	Ground control output based	\$34,038.00	\$22,692.00		\$6,200.00		
45345	Buller South Block 1 B	Performance monitor		\$8,060.00				
45348	Buller South Block 2 F	Performance monitor						
45338	Buller South Block 2 F	Ground control output based			\$4,050.00			
45355	Buller South Block 3 BPM	Ground control output based			\$16,116.00	\$10,744.00		
45357	Buller South Block 3 BPM	Performance monitor				\$23,634.00	\$15,756.00	
45339	Buller South Block 4 B	Performance monitor				\$5,400.00		
45349	Buller South Block 4 B	Ground control output based					\$24,900.00	
45342	Buller South Block 4 B	Performance monitor					\$9,200.00	
45342	Buller South Block 5 B	Ground control output based						\$25,272.00
60990	Cronadun Block 1 B	Performance monitor		\$7,950.00				
46039	Franz Josef - Waiho Block 1 B	Ground control output based						
46042	Franz Josef - Waiho Block 1 B	Performance monitor					\$28,300.00	
46029	Franz Josef - Waiho Block 2 B	Ground control output based					\$6,450.00	
46034	Franz Josef - Waiho Block 2 B	Performance monitor					\$33,300.00	
46037	Franz Josef - Waiho Block 3 B	Performance monitor				\$6,030.00		
65915	Franz Josef North Aerial Trigger	Detection					\$9,790.00	
65916	Franz Josef South Aerial Trigger	Detection						\$6,500.00
45433	Grey Valley North Block 1 B	Ground control output based						\$6,500.00
45442	Grey Valley North Block 1 B	Performance monitor					\$24,234.60	
45436	Grey Valley North Block 2 B	Ground control output based					\$9,550.00	
45445	Grey Valley North Block 2 B	Performance monitor					\$35,794.20	\$23,862.79
45439	Grey Valley North Block 3 B	Ground control output based					\$24,492.00	\$13,500.00
45448	Grey Valley North Block 3 B	Performance monitor						\$16,328.00
45505	Hohonu Aerial	Aerial control input based		\$201,905.44				\$11,500.00
45506	Hohonu Aerial	Helicopters		\$1,040.00				
45508	Hohonu Aerial	Security		\$6,435.41				
45509	Hohonu Aerial	Water sampling		\$4,231.92				
59739	Hokitika South 1	Performance monitor					\$7,310.00	

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Activity ID	Activity Area Name	Activity Type	Jul Payments	Aug Payments	Sep Payments	Oct Payments	Nov Payments	Dec Payments
59735	Hokitika South 1	Ground control output based						
59740	Hokitika South 2	Performance monitor				\$41,861.40	\$27,907.59	
59736	Hokitika South 2	Ground control output based				\$5,450.00		
59741	Hokitika South 3	Performance monitor				\$24,728.00		
59737	Hokitika South 3	Ground control output based		\$35,070.00		\$6,300.00		
59742	Hokitika South 4	Performance monitor						
59738	Hokitika South 4	Ground control output based		\$21,567.00				
45604	Kokatahi Aerial B	Aerial control input based		\$106,080.72		\$15,708.00		
45607	Kokatahi Aerial B	Helicopters		\$2,220.00				
45608	Kokatahi Aerial B	Miscellaneous		\$330.00				
45609	Kokatahi Aerial B	Security	\$1,067.92		\$200.00			
45610	Kokatahi Aerial B	Water sampling			\$7,426.09			
59359	Kokatahi Aerial Exclusions	Ground control input based		\$1,986.50				
60984	Kumara Junction Block 1 B	Performance monitor	\$10,150.00		\$2,908.50			
60987	Kumara Junction Block 2 B	Performance monitor	\$8,275.00		\$26,100.00			
60981	Mackley Block 1 B	Performance monitor						
60982	Mackley Block 1 BPM	Performance monitor		\$2,820.00				
60983	Mackley Block 1 F	Performance monitor		\$2,600.00				
45687	Marsden Aerial	Performance monitor		\$2,600.00				
45688	Marsden Aerial	Aerial control input based		\$223,141.00				
45691	Marsden Aerial	Helicopters		\$1,040.00				
45690	Marsden Aerial	Security		\$7,126.05				
61337	Marsden Aerial Exclusions	Water sampling		\$604.56				
45692	Marsden Block 1 B	Ground control input based						
45704	Marsden Block 1 B	Ground control output based		\$55,000.00		\$31,200.00		
45695	Marsden Block 2 B	Performance monitor		\$8,840.00				
45707	Marsden Block 2 B	Ground control output based		\$56,100.00				
45698	Marsden Block 2 B	Performance monitor		\$9,720.00				
45710	Marsden Block 3 B	Ground control output based			\$49,000.00			
45701	Marsden Block 3 B	Performance monitor			\$9,300.00			
45713	Marsden Block 4 B	Ground control output based						
45753	Milkonui - Totara Valley Block 1 B	Performance monitor				\$32,400.00		
45768	Milltown B	Ground control output based			\$7,500.00			
						\$32,700.00	\$21,800.00	\$29,520.00

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Activity ID	Activity Area Name	Activity Type	Jul Payments	Aug Payments	Sep Payments	Oct Payments	Nov Payments	Dec Payments
45771	Milktown B	Performance monitor						
59530	Pukaki Aerial	Aerial control input based				\$106,209.00	\$11,860.00	
59531	Pukaki Aerial	Helicopters				\$850.00		
59532	Pukaki Aerial	Miscellaneous	\$560.00	\$25.00				
59533	Pukaki Aerial	Security			\$5,708.00			
59355	South Karamea Block 1	Performance monitor		\$6,060.00	\$572.00	\$3,650.87	\$675.00	
59350	South Karamea Block 1	Ground control output based	\$36,000.00	\$25,000.00				
59356	South Karamea Block 2	Performance monitor						
59351	South Karamea Block 2	Ground control output based					\$5,740.00	
59352	South Karamea Block 3	Ground control output based				\$22,200.00	\$19,800.00	
62413	Taipō Aerial	Detection					\$25,200.00	
45945	Taipō Block 2 B	Ground control output based						\$15,900.00
61922	Taipō Block 4 B	Ground control output based						\$39,000.00
61925	Taipō Block 4 B	Performance monitor						\$11,000.00
59744	Taramakau	Performance monitor					\$8,500.00	
59743	Taramakau	Performance monitor						
45965	Te Kinga Aerial	Ground control output based				\$10,410.00		
45968	Te Kinga Aerial	Aerial control input based	\$50,452.50	\$56,540.38	\$38,700.00		\$25,800.00	
45969	Te Kinga Aerial	Helicopters		\$1,278.00				
59437	Te Kinga Aerial Exclusions	Miscellaneous		\$561.00				
62414	Turiwhate Aerial	Ground control input based						
45986	Upper Ahaura Block 2 B	Detection				\$6,683.40		
45989	Upper Ahaura Block 3 B	Performance monitor						\$15,900.00
46087	Whataroa - Waitangi Block 1 B	Performance monitor					\$10,550.00	
46099	Whataroa - Waitangi Block 1 B	Ground control output based						\$10,010.00
46090	Whataroa - Waitangi Block 2 B	Performance monitor			\$31,800.00			
46102	Whataroa - Waitangi Block 2 B	Ground control output based			\$38,520.00	\$5,225.00		
46093	Whataroa - Waitangi Block 3 B	Performance monitor				\$25,680.00		
46105	Whataroa - Waitangi Block 3 B	Ground control output based		\$27,600.00		\$7,665.00		
46096	Whataroa - Waitangi Block 4 B	Performance monitor		\$7,300.00				
46108	Whataroa - Waitangi Block 4 B	Ground control output based		\$37,440.00	\$24,960.00			
		Performance monitor			\$8,660.00			

**Table 2: Forecast activities for West Coast for 2012-2013**

Activity ID	Activity Area Name	Activity Type	Jan Payments	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast
45187	Adhoc Area - Tasman	Ad hoc survey					\$100.00	
45185	Adhoc Area - West Coast	Ad hoc survey					\$2,000.00	
62400	Ahaura Aerial	Detection		\$6,420.00				
60789	Alexander Range Aerial	Bird monitoring	\$28,000.00					
45208	Arahura Block 1 B	Ground control output based				\$27,000.00	\$18,000.00	\$25,000.00
45216	Arahura Block 1 B	Performance monitor						\$9,300.00
45211	Arahura Block 2 BPM	Ground control output based						
45219	Arahura Block 2 BPM	Performance monitor					\$10,000.00	
45213	Arahura Block 3 B	Ground control output based						
45221	Arahura Block 3 B	Performance monitor					\$25,800.00	\$3,675.00
59719	Arnold Valley Block 1	Performance monitor						\$17,200.00
59716	Arnold Valley Block 1	Ground control output based						\$12,600.00
59720	Arnold Valley Block 2	Performance monitor			\$36,933.00			\$8,600.00
59717	Arnold Valley Block 2	Ground control output based			\$7,000.00			
59721	Arnold Valley Block 3	Performance monitor				\$31,475.00		
59718	Arnold Valley Block 3	Ground control output based						\$4,600.00
62401	Atarau Aerial	Detection		\$6,640.00				\$13,005.00
45248	Barrytown Block 1 B	Ground control output based						
45254	Barrytown Block 1 B	Performance monitor		\$21,600.00	\$14,400.00			
45251	Barrytown Block 2 B	Ground control output based			\$8,556.00			
45257	Barrytown Block 2 B	Performance monitor		\$14,400.00	\$9,600.00			
45260	Bell Hill Block 1 B	Ground control output based			\$8,200.00			
45273	Bell Hill Block 1 B	Performance monitor		\$24,255.00				
45263	Bell Hill Block 2 B	Ground control output based	\$29,100.00	\$9,320.00				
45276	Bell Hill Block 2 B	Performance monitor						
45266	Bell Hill Block 3 B	Ground control output based	\$9,540.00					
45279	Bell Hill Block 3 B	Performance monitor	\$6,652.00					
45269	Bell Hill Block 4 B	Ground control output based	\$6,200.00					
				\$8,205.00				





Activity ID	Activity Area Name	Activity Type	Jan Payments	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast
45282	Bell Hill Block 4 B	Performance monitor		\$9,800.00				
45285	Bell Hill Block 5 F	Performance monitor	\$2,600.00					
45272	Bell Hill Block 5 F	Ground control output based	\$7,350.00					
62402	Buller North Aerial	Detection		\$26,310.00				
58909	Buller North Block 1 B	Performance monitor						\$8,500.00
58898	Buller North Block 1 B	Ground control output based						
58901	Buller North Block 2 B	Ground control output based					\$40,000.00	
58912	Buller North Block 2 B	Performance monitor						\$26,000.00
58904	Buller North Block 3 B	Ground control output based					\$7,500.00	
58915	Buller North Block 3 B	Performance monitor					\$100,500.00	
45342	Buller South Block 5 B	Ground control output based		\$16,848.00			\$14,000.00	
45352	Buller South Block 5 B	Performance monitor	\$10,820.00					
61873	Coal Creek Trickle Feed	Aerial control input based			\$46,218.00			
61938	Craigieburn Aerial	Trend monitor						
62403	Craigieburn Aerial	Detection		\$6,875.00				
59622	Cronadun Block 1 B	Performance monitor		\$6,875.00				
59616	Cronadun Block 1 B	Ground control output based					\$9,500.00	
59625	Cronadun Block 2 B	Performance monitor				\$22,740.00	\$15,160.00	
59619	Cronadun Block 2 B	Ground control output based						\$10,500.00
45397	Fox Glacier B	Performance monitor					\$27,660.00	\$18,440.00
45394	Fox Glacier B	Ground control output based					\$9,000.00	
46032	Franz Josef - Waiho Block 3 B	Ground control output based					\$56,000.00	
46052	Franz Josef North Aerial	Aerial control input based	\$19,920.00	\$13,280.00				
46047	Franz Josef South Aerial	Aerial control input based						\$155,087.00
45415	Grey Valley East Block 1 B	Ground control output based	\$28,314.00					\$197,400.00
45424	Grey Valley East Block 1 B	Performance monitor	\$9,750.00					
45418	Grey Valley East Block 2 B	Ground control output based	\$33,631.00					
45427	Grey Valley East Block 2 B	Performance monitor	\$10,270.00					



Activity ID	Activity Area Name	Activity Type	Jan Payments	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast
45421	Grey Valley East Block 3 B	Ground control output based		\$55,608.00				
45430	Grey Valley East Block 3 B	Performance monitor		\$14,105.00				
45433	Grey Valley North Block 1 B	Ground control output based	\$16,156.40					
45452	Grey Valley West Block 1 B	Ground control output based			\$27,328.00			
45461	Grey Valley West Block 1 B	Performance monitor						
45455	Grey Valley West Block 2 B	Ground control output based				\$12,700.00		
45464	Grey Valley West Block 2 B	Performance monitor					\$37,884.00	
45458	Grey Valley West Block 3 B	Ground control output based					\$11,800.00	
45467	Grey Valley West Block 3 B	Performance monitor						\$29,565.00
45471	Grey Valley West Block 4 F	Performance monitor						\$15,500.00
45470	Grey Valley West Block 4 F	Ground control output based						\$5,000.00
58978	Hari Hari Block 1 F	Performance monitor			\$4,000.00			\$17,663.00
58965	Hari Hari Block 1 F	Ground control output based			\$24,200.00			
58979	Hari Hari Block 2 B	Performance monitor						
58966	Hari Hari Block 2 B	Ground control output based						\$10,500.00
58969	Hari Hari Block 3 B	Ground control output based						\$62,200.00
58982	Hari Hari Block 3 B	Performance monitor				\$39,550.00		
58972	Hari Hari Block 4 B	Ground control output based				\$10,500.00		
58985	Hari Hari Block 4 B	Performance monitor					\$32,800.00	
58975	Hari Hari Block 6 B	Ground control output based					\$11,000.00	
58988	Hari Hari Block 6 B	Performance monitor						\$31,200.00
61517	Hochstetter Aerial	Trend monitor		\$10,325.00				\$11,500.00
62397	Hochstetter Aerial	Detection		\$10,325.00				
59737	Hokitika South 3	Ground control output based	\$23,659.99					
45556	Inangahua Block 1 B	Ground control output based						
45559	Inangahua Block 1 B	Performance monitor				\$15,150.00		
45543	Inangahua Block 2 B	Ground control output based				\$10,500.00		
45549	Inangahua Block 2 B	Performance monitor				\$30,660.00	\$20,440.00	
							\$11,200.00	



Activity ID	Activity Area Name	Activity Type	Jan Payments	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast
45546	Inangahua Block 3 B	Ground control output based					\$19,950.00	\$13,300.00
45552	Inangahua Block 3 B	Performance monitor						\$12,250.00
58998	Inchbonnie Block 1 B	Ground control output based				\$30,000.00		
59007	Inchbonnie Block 1 B	Performance monitor				\$11,500.00		
59001	Inchbonnie Block 2 B	Ground control output based					\$18,000.00	
59010	Inchbonnie Block 2 B	Performance monitor					\$8,500.00	
59013	Inchbonnie Block 3 B	Performance monitor						\$10,200.00
59004	Inchbonnie Block 3 B	Ground control output based						\$25,000.00
45577	Iron Bridge B	Ground control input based					\$4,000.00	
61919	Kaiata Aerial	Trend monitor		\$6,425.00				
62405	Kaiata Aerial	Detection		\$6,425.00				
45580	Kaiata B	Ground control output based			\$50,000.00			
45583	Kaiata B	Performance monitor			\$11,200.00			
59021	Kaiata North Block 1 B	Ground control output based			\$8,325.00			
59030	Kaiata North Block 1 B	Performance monitor				\$9,750.00		
59024	Kaiata North Block 2 B	Ground control output based			\$13,735.00			
59033	Kaiata North Block 2 B	Performance monitor						
59027	Kaiata North Block 3 B	Ground control output based		\$50,222.00				
59036	Kaiata North Block 3 B	Performance monitor		\$10,175.00				
45611	Kokatahi Block 1 B	Ground control output based	\$21,000.00	\$14,000.00				
45617	Kokatahi Block 1 B	Performance monitor		\$8,010.00				
45614	Kokatahi Block 2 B	Ground control output based	\$19,200.00	\$12,800.00				
45620	Kokatahi Block 2 B	Performance monitor		\$7,370.00				
61957	Kokatahi Block 3 B	Ground control output based			\$12,700.00			
61960	Kokatahi Block 3 B	Performance monitor			\$3,850.00			
45641	Kowhitirangi Block 1 B	Ground control output based						\$40,000.00
45647	Kowhitirangi Block 1 B	Performance monitor						\$9,500.00
45644	Kowhitirangi Block 2 B	Ground control output based						\$42,000.00



Activity ID	Activity Area Name	Activity Type	Jan Payments	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast
45650	Kowhitirangi Block 2 B	Performance monitor						
61942	Kumara Aerial	Trend monitor		\$11,500.00				\$9,000.00
62399	Kumara Aerial	Miscellaneous			\$500.00			
62398	Kumara Aerial	Detection		\$11,500.00				
45658	Kumara Junction Block 1 B	Ground control output based			\$30,000.00	\$20,000.00		
45664	Kumara Junction Block 1 B	Performance monitor				\$12,500.00		
45661	Kumara Junction Block 2 B	Ground control output based				\$18,000.00	\$12,000.00	
45667	Kumara Junction Block 2 B	Performance monitor					\$10,500.00	
45753	Mikonui - Totara Valley Block 1 B	Ground control output based	\$19,680.00					
45759	Mikonui - Totara Valley Block 1 B	Performance monitor	\$10,010.00					
45756	Mikonui - Totara Valley Block 2 B	Ground control output based		\$77,800.00				
45762	Mikonui - Totara Valley Block 2 B	Performance monitor		\$11,545.00				
62412	Milktown Aerial	Detection	\$16,000.00					
62406	Nancy Aerial	Detection						
61920	Nelson Creek Aerial	Trend monitor		\$14,000.00				
62396	Nelson Creek Aerial	Detection		\$10,325.00				
59609	New Creek B	Ground control output based		\$10,325.00				
59612	New Creek B	Performance monitor					\$19,250.00	
59353	North Karamea Block 1	Performance monitor						\$9,000.00
59348	North Karamea Block 1	Ground control output based				\$5,500.00		
59354	North Karamea Block 2	Performance monitor				\$30,950.00		
59349	North Karamea Block 2	Ground control output based					\$6,500.00	
61936	One One Aerial	Trend monitor		\$6,000.00			\$67,550.00	
62404	One One Aerial	Detection		\$6,000.00				
45889	Rotomanu Block 1 B	Ground control output based						
45898	Rotomanu Block 1 B	Performance monitor				\$18,000.00		
45901	Rotomanu Block 2 B	Performance monitor				\$12,000.00		
45892	Rotomanu Block 2 B	Ground control output based					\$8,000.00	





Activity ID	Activity Area Name	Activity Type	Jan Payments	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast
45907	Rotomanu Block 3 B	Ground control input based						
45893	Rotomanu Block 4 B	Ground control output based					\$20,000.00	
45902	Rotomanu Block 4 B	Performance monitor						\$20,000.00
45896	Rotomanu Block 5 BPM	Ground control output based					\$10,000.00	
45905	Rotomanu Block 5 BPM	Performance monitor						\$22,000.00
62407	Rough River Aerial	Detection		\$8,970.00				\$8,400.00
62408	Saltwater Aerial	Detection		\$7,650.00				
62410	Saddonsville Aerial	Detection		\$26,310.00				
59357	South Karamea Block 3	Performance monitor	\$7,640.00					
59352	South Karamea Block 3	Ground control output based	\$16,800.00					
62413	Taipoo Aerial	Detection						
45942	Taipoo Block 1 B	Ground control output based	\$40,000.00					
45948	Taipoo Block 1 B	Performance monitor	\$8,000.00					
45951	Taipoo Block 2 B	Performance monitor	\$9,800.00					
62411	Upper Ahaura Aerial	Detection		\$9,850.00				
45976	Upper Ahaura Block 1 BPM	Ground control output based	\$20,000.00					
45984	Upper Ahaura Block 1 BPM	Performance monitor	\$9,200.00					
45978	Upper Ahaura Block 2 B	Ground control output based	\$45,000.00					
45981	Upper Ahaura Block 3 B	Ground control output based	\$40,699.99					
45997	Upper Grey Block 1 B	Ground control output based			\$40,000.00			
46005	Upper Grey Block 1 B	Performance monitor			\$12,000.00			
46000	Upper Grey Block 2 B	Ground control output based				\$20,000.00		
46008	Upper Grey Block 2 B	Performance monitor				\$9,500.00		
46011	Upper Grey Block 3 B	Performance monitor					\$3,500.00	
46003	Upper Grey Block 3 B	Ground control output based						\$13,000.00
59462	Waitaha Block 1 B	Ground control output based		\$20,212.00				
59468	Waitaha Block 1 B	Performance monitor		\$11,500.00				
59465	Waitaha Block 2 B	Ground control output based			\$41,286.00			



Activity ID	Activity Area Name	Activity Type	Jan Payments	Feb Forecast	Mar Forecast	Apr Forecast	May Forecast	Jun Forecast
59471	Waitaha Block 2 B	Performance monitor			\$14,000.00			
46061	Waitaha Block 3 F	Performance monitor				\$2,700.00		
46057	Waitaha Block 3 F	Ground control output based				\$10,269.00		
46058	Waitaha Block 4 B	Ground control output based				\$23,667.00		
46062	Waitaha Block 4 B	Performance monitor				\$12,000.00		

## 6.0

### THE WEST COAST REGIONAL COUNCIL

Prepared for: Council Meeting 14 May 2013  
 Prepared by: Chris Ingle – Chief Executive  
 Date: 2 May 2013  
 Subject: **CHIEF EXECUTIVES REPORT**

#### **Meetings Attended**

The key meetings I have attended since my last report include:

- Attended the Regional Chief Executive's Forum in Wellington on the 10<sup>th</sup> of April.
- Attended the Chief Executive's Environmental Forum in Wellington on the afternoon of the 10<sup>th</sup> of April.
- Attended the meeting with NZTA regarding the FAR review on the 11<sup>th</sup> of April.
- Attended Regional Software Holdings board meeting 18th April.
- Met Bob Dickson, DoC's Westport Area Manager, on 19 April.
- The management team and selected staff attended an NZIM Leadership Training course 22-24 April.
- Met Richard Tacon of Buller Coal on 29 April.
- Hosted a meeting with the CEO's of the three District Councils on the 30<sup>th</sup> of April.
- Attended the Regional Sector Group meeting in Wellington on the 3<sup>rd</sup> of May.
- A visit from Lawrence Yule and Malcolm Alexander, President and CEO of LGNZ, is scheduled for Monday 6<sup>th</sup> of May.
- Senior staff of the office of the Auditor-General are visiting on the 7<sup>th</sup> of May.
- A meeting of the CEOs of the four South Island regional council's occurs on 10<sup>th</sup> of May.

#### **Annual Plan Process**

The public notification of the Draft Annual Plan occurred on April 22<sup>nd</sup>, with submissions open until the 22<sup>nd</sup> of May. A hearing date of 28 May was set by Council at last month's meeting. Decisions on submissions will be made at the 11 June Council meeting, enabling Council to adopt the final Annual Plan within the statutory timeframe.

#### **Regional Software Holdings Ltd**

Regional Software Holdings is the name given to the CCO that developed IRIS, the RMA software that is now being rolled out at Northland and Waikato regional councils, and will soon be rolled out at Horizons, Taranaki, Southland and West Coast regional councils. It is a tailor made software package developed by regional councils for regional councils. The West Coast Regional Council is a 4% shareholder and I am one of 6 directors on the board.

The mission statement of RSHL is "To provide long term shared software resources that are relevant to regional council activities and are fit for purpose, reliable, robust, resilient and cost effective." I can supply the Statement of Intent of the company to any councillors who wish to view it.

#### **RECOMMENDATIONS**

*That this report be received.*

Chris Ingle  
 Chief Executive

3 May 2013

Ian McCabe

New Zealand Transport Agency

Email: [ian.mccabe@nzta.govt.nz](mailto:ian.mccabe@nzta.govt.nz)

### **Funding Assistance Rate (FAR) Review Consultation**

The West Coast Regional Council (the Council) would like to thank the New Zealand Transport Agency (the Agency) for the opportunity to be involved in the initial discussion on the review of the FARs. While we have expressed our views at the workshops that have been held on the West Coast over the past two months, I would like to take this opportunity to reiterate our key concerns to ensure that these are carefully considered and taken into account when developing the options for the next stage of the review process.

The Agency identified eight potential options on how the FARs could be set in the future. Of all the options identified in the discussion paper the only realistic one for rural areas, such as the West Coast is the Differences Approach (Status Quo). This is primarily due to the recognition of the difficulty of some districts and regions to raise the funding through the local rate take, due to a limited population base. The West Coast covers the distance equivalent to Auckland to Wellington but only has a population of approximately 32,000. This poses many difficulties for all of the local authorities on the West Coast in being able to provide the level of service expected by the community as well as that imposed through central government regulation. Therefore a degree of pragmatism needs to be adopted through any FAR set, that takes these regional characteristics and differences into account.

Any change that is initiated as part of the review process needs to consider the Status Quo as a bench mark as the impact on ratepayers would be significant for any of the four Councils in the region if the Agency decided to adopt for example the population based approach. The Status Quo is considered to have worked well for the region in the past and been considered to meet the needs of both the ratepayers and the Agency. The Regional Council has budgeted for transport activities pragmatically and has been well underspent in activity classes such as Transport Planning where there has been bulk funding available. The Council believes in spending money where it is warranted, and where credible return can be achieved. Not spending for spending's sake. Due to the limited funding available for West Coast councils this approach is one that is reflected throughout the region.

Rural regions are the primary contributors for producing exports for markets and generating wealth for New Zealand as a whole through export earnings. The West Coast, as an export region, is nearing 40% of GDP as exports which reflects current Government policy. While the Region is dependent on



the State Highway network to transport goods within and out of the West Coast, the connections of local roads to these highways is paramount in ensuring products can get from farm gate to the regional processing plant. Our Council believes that regions that are focussed on increasing exports and assisting New Zealand to trade its way out of its current deficit should be rewarded with FARs that reflect this contribution. If the Agency reduces the FAR for local road maintenance for example, there is very real potential that these local roading connections will degrade, posing significant risk to the ability to transport goods on local roads both reliably and safely. This will impact on our export producers.

Maintaining or improving FAR rates in rural New Zealand regions like the West Coast would help us continue to grow towards the 40% target. West Coast exports currently represent 38% of our GDP, compared to a 20% average across New Zealand. The dairy sector in particular requires a good roading network to get product to farm gate to factory. Decreasing FAR rates would have an immediate impact on this industry, which is one of our leading, and consistently growing, export earners.

Based on the comments above, the Council supports retention of the status quo, or an amended "differences" approach which even better rewards the contribution of rural export-based regions that support the country as a whole. Any change to the FAR needs to be a pragmatic reflection of the ability of the region to raise revenue to contribute towards transport activities. In light of this, the Council also fully supports the submission made by the Grey District Council.

Yours faithfully



Chris Ingle  
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.  
33 – 34
- 8.1 Confirmation of Confidential Minutes 9 April 2013
  - 8.2 Overdue Debtors Report (to be tabled)
  - 8.3 Enforcement Matters
  - 8.4 Investment Opportunity
  - 8.5 Response to Presentation (if any)
  - 8.6 In Committee Items to be Released to Media

<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 9 April 2013		Section 48(1)(a) and in particular Section 9 of 2nd Schedule Local Government Official Information and Meetings Act 1987.
8.2	Overdue Debtors Report		
8.3	Enforcement Matters		
8.4	Investment Opportunity		
8.5	Response to Presentation (if any)		
8.6	In Committee Items to be Released to Media		

I also move that:

- Chris Ingle
- Michael Meehan
- Jackie Adams

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.