

Information Released Under the Local Government Official Information and Meetings Act 1987 (LGOIMA) Regarding the Port Hills Fires.

The following information includes correspondence between 13-17 February 2017 regarding the Port Hills Fires to and from:

- The Mayor
- The Chief Executive Officer
- The Civil Defence Controller
- Paul Devlin - Head Ranger Port Hills & Banks Peninsula

Please note there is some duplication in the following information. All key situation reports and communication releases were received by the Mayor and Chief Executive. Duplicate copies from the Chief Executive's correspondence have been removed.

The nature, scope and complexity of the fires resulted in considerable damage over a land within the territories of Selwyn District and Christchurch City Councils and Department of Conversation land. Originally two large fires, they merged in to one inferno destroying homes and land on the outskirts of Christchurch. Tragically, helicopter pilot and former SAS soldier, David Steven Askin, died when his helicopter went down while fighting the blaze.

At its peak, the fire had 100,000 kilowatts of energy, the equivalent of three atom bombs. Eleven homes were lost and much of the Port Hills landscape and recreational areas scorched. To put the size and scale of the fire in context, the Port Hills fires burnt through 1,661 hectares, or about 1,600 rugby fields, with an overall perimeter of 61km. Last year 3,507ha were burnt across the whole of New Zealand by a total of 4,582 rural fires.

Cordons were in place for a number of days. The fire response was maintained for several weeks with multiple crews working on priority hot spots across the fire ground. Sixty-six days after the fires started, they were declared officially extinguished.

#### Withholding of information

The Council has decided to withhold some information under the following sections of the LGOIMA:

- 7(2)(a) – to protect the privacy of natural persons
- 7(2)(f)(i) – to maintain the effective conduct of public affairs through the free and frank expression of opinions

In the Council's view the reasons for withholding these details are not outweighed by public interest considerations in section 7(1) favouring their release.

From: Dalziel, Lianne  
Sent: Monday, 13 February 2017 9:19 p.m.  
To: Edwards, Karleen  
Cc: Palmer, Alicia  
Subject: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park  
Attachments: image1.JPG; ATT00001.txt



From: Palmer, Alicia  
Sent: Monday, 13 February 2017 9:35 p.m.  
To: Dalziel, Lianne  
Cc: Edwards, Karleen; Richardson, Mary; Woods, Darrin; Black, Tasha  
Subject: Re: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park

Hi Lianne,

I have just been speaking with Darrin Woods our principal rural fire officer and he has been able to confirm that the fires are currently not on CCC land. They are within Selwyn District Council land, and one is on DOC land.

Both are threatening council land and Summit Road is closed from Dyers Pass to Gebbies Pass. We have not been able to confirm whether the adventure park and Sign of the Kiwi have been affected, however the fire is burning towards those areas.

Crews are undertaking a significant amount of fire suppression with structures in the area. We currently have 6 - 7 crews from Christchurch deployed, which includes volunteers, staff and contractors. Selwyn district Council have evacuated some houses within their boundary.

We will update further if things change or we know more about the situation - particularly with the adventure park and Sign of the Kiwi.

Thanks,  
Alicia

Sent from my iPhone

> On 13/02/2017, at 9:18 PM, Dalziel, Lianne <[REDACTED]> wrote:  
>  
>  
> <image1.JPG>  
>  
> Sent from my iPhone

From: Richardson, Mary  
Sent: Tuesday, 14 February 2017 12:19 a.m.  
To: Edwards, Karleen  
Subject: RE: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park

Update - I've just spoken to Darrin and got latest details in case he didn't get through to Mayor. I rang to give Mayor details but Darrin managed to call her while I was on phone - so hung up so she could get info "straight from horse mouth".

Fires are under jurisdiction of Selwyn DC and DOC - but we have substantial crew up on summit road (both staff and volunteers). This does not mean that they are not on our land just the lead agency

It appears fire is in part of McVicars forest- so will be at top of Adventure Park. They are trying to contain the summit Road so doesn't cross Road because then risk it will travel and could cause threat to Governors Bay.

Fire in early valley has compromised some telecommuntations .

National incident team deployed. They are looking at forming one EOC for both fires. This does not involve out controllers. Only our staff who are trained rural fire are deployed (this people such as regional park ranges) plus our rural fire volunteers

Cheers

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From: Richardson, Mary U  
Sent: Monday, 13 February 2017 11:53 PM  
To: [karleen.edwards@ccc.govt.nz](mailto:karleen.edwards@ccc.govt.nz)  
Subject: FW: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park

FYI (below)

I have also offered to call Darrin and get update and send it to Mayor

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From: Richardson, Mary  
Sent: Monday, 13 February 2017 11:49 PM  
To: Dalziel, Lianne  
Subject: RE: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park

live just text Darrin and asked him to ring you directly on you cell - he has just replied saying he has tried and left message asking you to call him

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From: Dalziel, Lianne  
Sent: Monday, 13 February 2017 11:45 PM  
To: Palmer, Alicia  
Cc: Edwards, Karleen; Richardson, Mary  
Subject: Re: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park

Is this an acceptable response?

Sent from my iPhone

On 13/02/2017, at 11:32 PM, Palmer, Alicia [REDACTED] wrote:

Unfortunately I haven't been able to get through to get an update so I can't confirm if the situation has changed.

Sent from my iPhone

On 13/02/2017, at 11:07 PM, Dalziel, Lianne [REDACTED] wrote:

So this is not the city?

<http://istuff.co.nz/the-press/89372687/two-fires-on-christchurchs-port-hills-stretch-fire-crews-destroys-house-force-evacuations>

Sent from my iPhone

On 13/02/2017, at 10:33 PM, Palmer, Alicia [REDACTED] wrote:

Hi Lianne,

That's the most up to date information I have been given. Would it be helpful to speak with Darrin directly? His cell is [REDACTED]  
[REDACTED] He may be able to clarify the boundaries with DOC, Selwyn and CCC land.

Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 10:04 PM, Dalziel, Lianne [REDACTED] wrote:

I'm a bit worried that this isn't right. It really looks like both fires are in our patch

Sent from my iPhone

On 13/02/2017, at 9:56 PM, Palmer, Alicia [REDACTED] wrote:

Hi Lianne,

Darrin has indicated the fire authorities are Selwyn and DOC (their jurisdiction) and that fires are threatening Council land. It is possible they are burning onto Council land, however they won't have that certainty until the morning now.

Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 9:46 PM, Dalziel, Lianne [REDACTED] wrote:

This suggests the fires are burning in our patch <http://i.stuff.co.nz/the-press/89372687/large-christchurch-scrub-fire-out-of-control-second-fire-now-burning>

Sent from my iPhone

On 13/02/2017, at 9:35 PM, Palmer, Alicia [REDACTED] wrote:

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Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 9:18 PM, Dalziel, Lianne [REDACTED] wrote:

<image1.JPG>

Sent from my iPhone

## **Rainey, Sean**

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**From:** Edwards, Karleen  
**Sent:** Tuesday, 14 February 2017 3:22 p.m.  
**To:** All Staff  
**Subject:** Update from the Chief Executive  
**Attachments:** Update from the Chief Executive - 14 Feb 2017.pdf

Kia ora koutou katoa

My thoughts are with our Council staff, volunteers and contractors currently supporting fire crews battling the Port Hills fires in Early Valley Road and along the Summit Road. Tinder dry conditions, strong winds and steep terrain have hindered efforts to contain the fires, however, despite the conditions, those on the ground (and in the air) are working hard to contain the spread and minimise the risk of fire to surrounding properties and land as much as possible. My thoughts are also with those residents directly impacted by the fires not just here but also in Hawkes Bay and across the Tasman. Thanks must go to Alicia Palmer, Head of CDEM and Darrin Woods, Principal Rural Fire Officer for coordinating and managing our response and support on behalf of the Council so efficiently.

Ngā mihi

Karleen

# *Update from the Chief Executive*



ISSUE 5

TUESDAY 14 FEBRUARY 2017

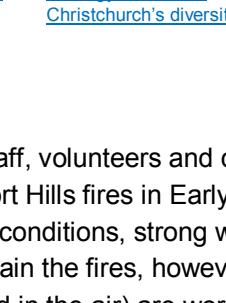
## Top stories on Newsline



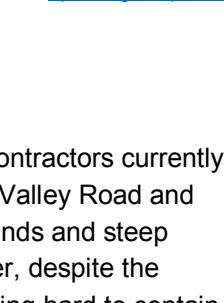
[Business forum to mark  
Lantern Festival](#)



[Big plans for Little River](#)



[Strategy celebrates  
Christchurch's diversity](#)

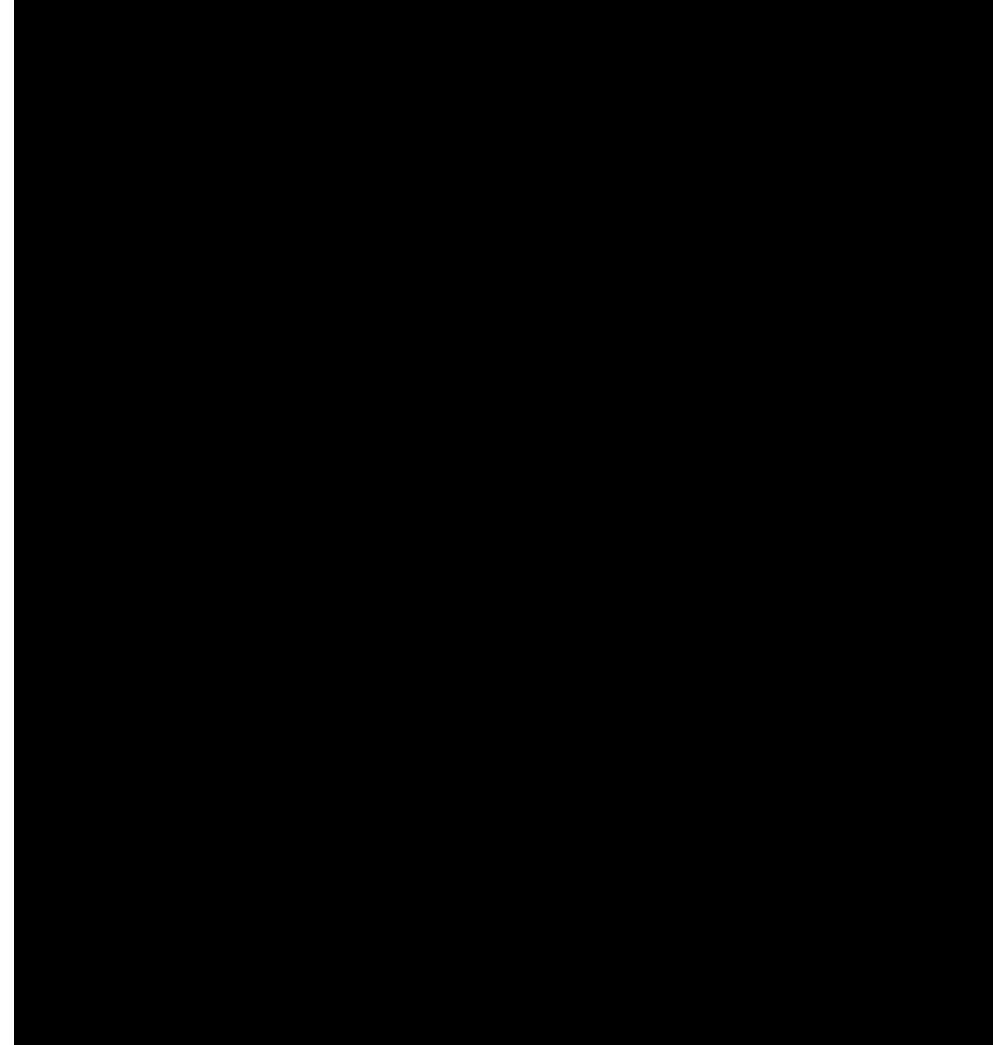
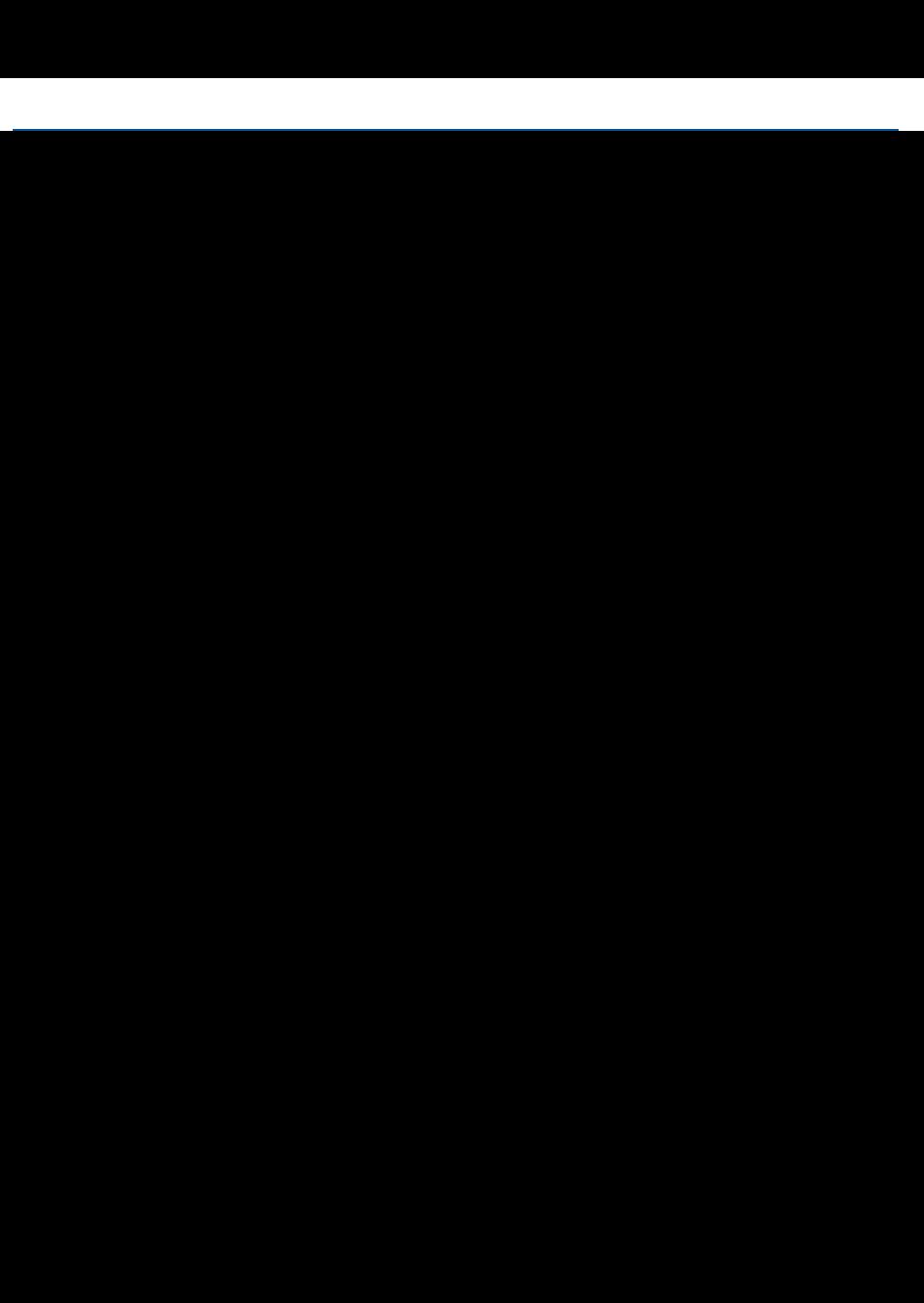


[Sparks lights up the city](#)

## Kia ora koutou katoa

My thoughts are with our Council staff, volunteers and contractors currently supporting fire crews battling the Port Hills fires in Early Valley Road and along the Summit Road. Tinder dry conditions, strong winds and steep terrain have hindered efforts to contain the fires, however, despite the conditions, those on the ground (and in the air) are working hard to contain the spread and minimise the risk of fire to surrounding properties and land as much as possible. My thoughts are also with those residents directly impacted by the fires not just here but also in Hawkes Bay and across the Tasman. Thanks must go to Alicia Palmer, Head of CDEM and Darrin Woods, Principal Rural Fire Officer for coordinating and managing our response and support on behalf of the Council so efficiently.

Ngā mihi  
Karleen



## Rainey, Sean

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**From:** Edwards, Karleen  
**Sent:** Wednesday, 15 February 2017 3:46 p.m.  
**To:** All Staff  
**Subject:** Information for staff regarding the Port Hills Fires

**Importance:** High

Kia ora koutou katoa

I'm aware of the growing concern regarding the Port Hills fires and want to reassure you that we are working hard with our neighbouring Councils and emergency services to mitigate the spread of the fires.

Selwyn District Council is leading the response efforts and we are receiving information from them and Civil Defence frequently as the situation changes. We are posting these updates on [Newslne](#) - this information is updated as often as possible throughout the day and will continue overnight.

Please check in with your manager should you feel you need to attend to your family/household wellbeing, particularly if the situation deteriorates overnight. Please ensure you have their mobile numbers in order to check in with them if you are unable to come in to work tomorrow.

Also ensure you and your family members are mindful of the advice from the CDHB regarding the health risk associated with the smoke spread across the city.

I'm sure all staff will join me in thanking our colleagues who are working directly on the fire response.

Kia kaha

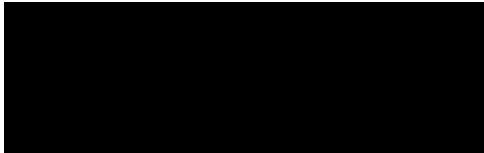
Karleen

From: Smith, Ariana  
Sent: Wednesday, 15 February 2017 5:24 p.m.  
To: Dalziel, Lianne  
Cc: Shirlaw, Nicola; Bruerton, Adair; Edwards, Karleen  
Subject: FW: Christchurch Civil Defence Update #3  
Attachments: Document1.docx

Lianne

See below. Latest road closure info attached.

A



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From: EOC Controller  
Sent: Wednesday, 15 February 2017 5:21 p.m.  
To: Smith, Ariana  
Cc: EOC Controller  
Subject: RE: Christchurch Civil Defence Update #3

**Hi Ariana**

This concern is also expressed by the Controller and we are now acting to get regular updates from Selwyn District.

Regards

**Marieke van Genugten**

**PA to Controller**

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From: Smith, Ariana  
Sent: Wednesday, 15 February 2017 5:11 p.m.  
To: EOC Controller  
Subject: RE: Christchurch Civil Defence Update #3

Hi John

Understand that we can't forward this info, but Lianne notes that we haven't had an update from the Selwyn EOC since about 10 this morning. Need more regular updates if possible?

Ariana



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From: EOC Controller  
Sent: Wednesday, 15 February 2017 4:59 p.m.  
To: Councillors and Mayor; Senior Leaders; Executive Leadership Team; Community Governance Managers; Comm Bd Mbrs (exc Crs)  
Cc: EOC Controller; EOC Public Information Management  
Subject: Christchurch Civil Defence Update #3

Christchurch Civil Defence Update #3

Wednesday 15 February 2017, 5.00pm

Dear all,

Given the worsening situation regarding the Port Hills fires, the Christchurch Civil Defence Emergency Operations Centre is being reactivated at 4.30pm today.

Selwyn District Council remains the lead agency at this stage for all management and communications around the fire. It is important to maintain one source of truth for public information, however we are sharing all of their updates. We are also very aware of the needs of elected members for information to share with your communities.

The latest information is as follows:

- Residents are being evacuated from Worsley Road, Cracroft, the bottom of Hoon Hay Valley Road and the Westmorland area. It is estimated that 200-300 people are affected.
- Police have directed them to Pioneer Stadium, with 20-30 people there by around 4.30pm today. This may be a temporary arrangement, however the details are still unfolding.
- Centres at Nga Hau e Wha and Tuahiwi Marae are also being activated. Others may follow.
- Media reports of damage to the Christchurch Adventure Park are being broadcast.
- People are advised to stay away from the hills to allow emergency services access and ensure swift evacuation.
- Christchurch Civil Defence is issuing radio updates advising people worried about their safety to leave their homes. We are also advising that, if widespread evacuation is needed, emergency services will inform residents directly.

The situation is developing quickly and we will keep you updated as soon as more information is available.

Please note that these updates remain unofficial and are prepared for your information rather than wider circulation. You can share the official EOC updates through your community contacts.

John Mackie  
Controller

Road closure information:

- Worsleys Rd is closed from Cashmere Rd to all traffic and residents - police checkpoint in place.
- Hoon Hay Valley Rd closed to traffic - residents can access properties
- Kennedys Bush Road is closed form the roundabout with Rock Hill Drive. This includes the southbound cycle track
- Worsleys Track from Worlseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road
- Early Valley Road is closed
- Holmes Road is closed.

Please stay well away from the area and off the roads so that emergency services personnel can do their job and keep people safe.

From: Smith, Ariana  
Sent: Thursday, 16 February 2017 1:05 a.m.  
To: Edwards, Karleen; Bruorton, Adair; Richardson, Mary  
Cc: Close, Ruth  
Subject: Fwd: Christchurch and Selwyn Visit Itinerary 170216  
Attachments: Christchurch and Selwyn Visit Itinerary 170216.docx; ATT00001.htm

Evening. See attached FYI. Lianne has four interviews early tomorrow morning before the visit out to Selwyn. Di will give her a round up of any updates sent out between now and the first interview.

Ariana

Sent from my iPhone

Begin forwarded message:

From: "Simon Chambers [DPMC]" [REDACTED]  
Date: 16 February 2017 at 12:06:43 AM NZDT  
To: [REDACTED]  
Subject: FW: Christchurch and Selwyn Visit Itinerary 170216

Itinerary for morning

Sent with BlackBerry Work ([www.blackberry.com](http://www.blackberry.com))

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**From:** n [REDACTED]  
**Date:** Thursday, 16 Feb 2017, 12:03 AM  
**To:** Sarah [REDACTED] Simon Chambers [REDACTED]  
**Subject:** Christchurch and Selwyn Visit Itinerary 170216

Evening all

Please find attached the visit itinerary for Minister Brownlee's visit tomorrow.

Thanks  
[REDACTED]

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# Ministry of Civil Defence & Emergency Management

Te Rākau Whakamarumaru

## Visit to Christchurch and Selwyn District: Thursday 16 February 2017

1. You are visiting Christchurch and Selwyn District, to meet with the Canterbury Civil Defence Emergency Management Group, and the mayors of Christchurch City and Selwyn to discuss the impacts of the Port Hills complex fires and needs of their communities.
2. You will be accompanied by Sarah Stuart-Black, Director Civil Defence Emergency Management, mobile [REDACTED].
3. The Christchurch mayor declared a State of Local Emergency covering the Group areas of Christchurch City and Selwyn District on Wednesday 15 February.
4. There are two primary Emergency Operations Centre in operation:
  - a. Selwyn District Emergency Operations Centre in Rolleston, where the National Rural Fire Authority is leading the response to the fire.
  - b. Christchurch City Council Emergency Operations Centre in Christchurch City, where the Canterbury Civil Defence Emergency Management Group is leading the civil defence response, primarily focused on welfare issues.

### Itinerary

- 08.05am - Arrive Christchurch on Air NZ flight NZ5013. Sarah Stuart-Black is also travelling on this flight
- On arrival - self-drive car to Selwyn District Emergency Operations Centre, 2 Norman Kirk Drive, Rolleston
  - Accompanied by: your staff and Sarah Stuart-Black.
- **Selwyn District Emergency Operation Centre:**
  - Meet:
    - § Selwyn District Mayor, Sam Broughton, [REDACTED]
    - § Christchurch Mayor, Hon. Lianne Dalziel
    - § Neville Reilly, Canterbury Civil Defence Emergency Management Group Controller, [REDACTED]
    - § Simon Chambers, Ministry of Civil Defence & Emergency Management Regional Emergency Management Advisor, [REDACTED]
  - Receive an update briefing from Douglas Marshall, Principle Rural Fire Officer.
- Following the briefing, you will board a commercial **helicopter to view the fire area from the air**. This helicopter will not be diverted from the fire-fighting effort.
  - Accompanied by:
    - § Lianne Dalziel
    - § Sarah Stuart-Black
    - § Neville Reilly

- § Richard McNamara, Air Operations Manager, National Rural Fire Authority
- Self-drive car from Selwyn District Emergency Operations Centre to the Christchurch City Council Emergency Operations Centre, 53 Hereford Street, Christchurch.
- **Christchurch City Council Emergency Operations Centre:**
  - Receive an update briefing from Group Controller, Neville Reilly, and operations team.

End of itinerary.

## Biographical Notes

### **Sam Broughton – Selwyn District Mayor**

Sam Broughton was elected as the Selwyn District Mayor in the October 2016 local body elections. He was a Selwyn District councilor in the last term, and was a youth worker before becoming mayor.

### **Neville Reilly – Group Controller and Regional Manager**

Neville Reilly has held the appointment of Group Controller and Regional Manager at the Canterbury Civil Defence Emergency Management Group for seven years. Neville served in the New Zealand Army for 38 years.

From: Edwards, Karleen  
Sent: Thursday, 16 February 2017 10:34 a.m.  
To: All Staff  
Subject: Port Hills Fire updates and staff resources

Kia ora koutou katoa

We have a number of staff assisting in our Council EOC as part of the regional State of Emergency Port Hills Fire response effort, particularly public information and logistics, and we may need to continue to provide staff resources for these functions over the next few days to ensure we can relieve staff regularly to minimise fatigue.

I understand that this is likely to put pressure on existing staff workloads and commitments; however, the EOC response must take priority.

Thank you again to everyone involved in our EOC effort, particularly those who worked through the night to distribute essential information to families and media, as well as our Contact Centre staff who continue to field calls from concerned residents.

Remember to check [Newsline](#) for the latest updates and, as I mentioned yesterday, if you are concerned about the wellbeing of your family and live in proximity to the fire, please talk to your manager about your concerns and leave arrangements if required.

I appreciate your support at this challenging time.

Ngā mihi

Karleen

From: Edwards, Karleen  
Sent: Thursday, 16 February 2017 10:45 a.m.  
To: Shirlaw, Nicola  
Subject: RE: Update

And staff in your office say that local MPs are invited already to the 12pm briefing. I am a bit confused now!! Hope you know what's up?  
K

---

From: Shirlaw, Nicola  
Sent: Thursday, 16 February 2017 10:39 a.m.  
To: Edwards, Karleen <[Karleen.Edwards@ccc.govt.nz](mailto:Karleen.Edwards@ccc.govt.nz)>  
Subject: Re: Update

Yes thank you

Sent from my Samsung Galaxy smartphone.

----- Original message -----

From: "Edwards, Karleen" [REDACTED]  
Date: 16/02/2017 10:34 AM (GMT+12:00)  
To: "Shirlaw, Nicola" [REDACTED]  
Cc: "Bruerton, Adair" [REDACTED]  
Subject: Fwd: Update

Did you get this?

Sent from my iPhone

Begin forwarded message:

**From:** "Dalziel, Lianne" [REDACTED]  
**Date:** 16 February 2017 at 10:14:40 AM NZDT  
**To:** Councillors Only [REDACTED]  
**Cc:** "Smith, Ariana" [REDACTED] "Richardson, Mary" [REDACTED] "Ritchie, Jocelyn" [REDACTED]  
[REDACTED] "Keenan, Di" [REDACTED] "Edwards, Karleen" [REDACTED]  
**Subject:** Update

Heading back to ChCh for a visit to our EOC. And then I'm heading back out to Selwyn as PM flying in. I won't be back for 12 noon briefing but have decided it should go ahead with John Mackie briefing you. We will have someone from NZ Fire as well. We had a really good update from Regional Incident Management Team. I am going to try to get one of them to come and brief you directly later this afternoon - best endeavours - will let you know when - maybe 3pm or 4pm. I have a much better understanding of the approach and the nature of the fire they are dealing with. In terms of the response we have the equivalent of a National Incident Management Team out there. I have a high level of confidence.

This does not mean that we won't review the Comms coming from there to CCC and the timing of the advice on calling a state of emergency, but not today.

We are focussing on the fire and the safety and welfare of people and property.

Sent from my iPhone

## Rainey, Sean

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Remember to check Newsline for the latest updates and, as I mentioned yesterday, if you are concerned about the wellbeing of your family and live in proximity to the fire, please talk to your manager about your concerns and leave arrangements if required.

I appreciate your support at this challenging time.

Ngā mihi

Karleen

From: Angela Oosthuizen [REDACTED]  
Sent: Thursday, 16 February 2017 2:01 p.m.  
To: David Ward; Edwards, Karleen  
Subject: Fires in Port Hills

Follow Up Flag: Follow up  
Flag Status: Flagged

Our thoughts are with you at this moment and we do hope that fires are brought under control soon.

Please let us know if we can assist in any way.

Regards  
Angela Oosthuizen  
Chief Executive Officer  
Kaikoura District Council  
PO Box 6  
Kaikoura  
[REDACTED]



#### KAIKOURA - A PLATINUM CERTIFIED SUSTAINABLE COMMUNITY

The Kaikoura community is proud to be the first local authority in New Zealand to have certified status through the international Earthcheck Sustainable Communities program - and in 2014 we have been awarded Platinum status in the program. This demonstrates our commitment to protecting our environment, and enables us to ensure a sustainable future for our residents, visitors and the next generations - contact us to find out more!

From: Keenan, Di  
Sent: Friday, 17 February 2017 7:47 a.m.  
To: Edwards, Karleen

"We are aware that this is an extremely anxious time for residents who have had to leave their homes and we are working with other agencies to arrange for this information to be passed on to homeowners in the affected areas as soon as the information becomes available."

Police have advised that all current cordons will remain in place tonight and into tomorrow. Police say that residents who chose to remain behind the cordons now have a special provision to exit the cordons and return. To re-enter they must register at the cordon point and provide photo identification. They must also carry documentation proving their occupancy such as a bill or rates invoice.

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 11:28 a.m.  
Subject: Civil Defence Update

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## **UPDATE**

A key priority for today is to develop a process to allow evacuated residents back into their homes where it is safe do so.

Planning is underway to reduce the cordoned area around the perimeter of the fire, and a decision on which cordons will be lifted is expected early this afternoon. A risk assessment is being done from the ground and in the air to map areas. Although there was drizzle this morning, wind is expected to increase this afternoon and any dampness will be dried out. There is still extreme heat in the ground and in vegetation which still poses a risk of flare ups.

### **Firefighting update**

The fire at this stage is largely contained but not yet controlled. The fire area is not expanding and firefighters have made great progress in putting in fire breaks around the perimeter of the fire area. Today we have diggers working in several areas to create fire breaks. In those areas that diggers can't access we're focusing on dropping fire retardant to stop the spread of the fire. There's still a lot of dry vegetation and areas of extreme heat within the fire ground, so there's still a very real risk of flare-ups – especially with forecast north-east winds of up to 50km today.

Overall we're starting to move from air-based to ground-based firefighting – water drops won't put the fire out completely so we have to back that up with the heavy machinery to put fire breaks in and dig out the hot spots. That's where a lot of our focus is today with diggers working at several locations, along with 15 helicopters and three fixed wing aircraft.

### **Education**

Cashmere Primary School is closed again today.  
Kidsfirst Cashmere Kindergarten is closed today.

### **Bus services**

Blue Line - all trips will end at Princess Margaret Hospital, no trips will travel to Cashmere Hill.  
145 Westmorland to Eastgate - all trips will end and start their trips on Rose St until further notice.

From: EOC Controller  
Sent: Friday, 17 February 2017 6:35 p.m.  
To: CCC CDEM Duty Officer; EOC Building Evaluation; EOC Controller; EOC Intelligence; EOC Logistics; EOC Manager; EOC Operations; EOC Planning; EOC Public Information Management; EOC Response Teams - Base of Operations; Team leaders; EOC Welfare; EOC Response Teams  
Subject: Staff working Civil Defence duties - Important information about Overtime or TOIL provisions

Hi everyone

Can you please forward this email to all staff who have worked or are continuing to work civil defence duties as part of our CCC response to the Port Hills Fire February 2017 event. Team Leaders will also need to understand these TOIL/overtime provisions as they relate to particular employment agreements.

*Since the establishment of the EOC we have had a number of staff working in the EOC and supporting our Civil Defence efforts. This has involved staff from all parts of the organisation and we continue to have staff working in the Port Hills and Selwyn as well as in the Council EOC.*

*This email is to advise you of the arrangements for all staff working in these civil defence duties in regards to overtime or TOIL provisions. Please share this with your staff and/or managers.*

*For those staff on collective agreements, the provisions in their agreements will apply in regards to TOIL and overtime. For staff who are on Individual Employment Agreements (IEA's), there is no provision for paid overtime and managers should work with staff to make arrangements to take TOIL for hours worked over and above their standard hours.*

*We would like to support staff to get some rest and time off and encourage staff to take this as soon as practical. If you have any questions regarding your arrangements please discuss these with your immediate manager.*

*Thank you for your continued support and to all those involved with assisting with our Civil Defence functions.*

John Mackie  
Controller  
EOC Christchurch

## **Christchurch Civil Defence Update #1**

**Wednesday 15 February 2017, 5.30pm**

### **CHRISTCHURCH CIVIL DEFENCE REACTIVATED**

The Christchurch Civil Defence Emergency Operations Centre was reactivated late this afternoon to assist with further evacuations in the Port Hills as the fires shift closer to properties.

Selwyn District Council remains the lead agency at this stage for all management and communications around the fire.

**The latest information is as follows:**

- Residents are being evacuated from Worsley Road, Cracroft, the bottom of Hoon Hay Valley Road and the Westmorland area. It is estimated that 200-300 people are affected.
- Residents are being directed to various welfare centres.
- Firefighters are at the Christchurch Adventure Park, however the fire has not yet reached the village.
- People are advised to stay away from the hills to allow emergency services access and ensure swift evacuation.
- If people are worried about their safety they should leave their homes. If widespread evacuation is needed, emergency services will inform residents directly.

### **ROAD CLOSURES**

- Worsleys Road is closed from Cashmere Road to all traffic and residents - police checkpoint in place.
- Hoon Hay Valley Road closed to traffic - residents can access properties
- Kennedys Bush Road is closed form the roundabout with Rock Hill Drive. This includes the southbound cycle track.
- Worsleys Track from Worlseys Road is closed.
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.
- Summit Road is closed between Gebbies Pass and Rapaki Track.
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road.
- Early Valley Road is closed.
- Holmes Road is closed.

The situation is developing quickly and we will keep you updated as soon as more information is available.

John Mackie  
Controller

## Official Information

---

**From:** EOC Public Information Management  
**Sent:** Wednesday, 15 February 2017 11:53 p.m.  
**To:** Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Community Board Advisers; Senior Leaders;  
[REDACTED] Georgina Stylianou; Smith, Ariana; Stephen.hill\_selwyn.govt.nz; Pringle, Ross; EOC Controller; EOC Planning; EOC Public Information Management; EOC Operations; EOC Operations; EOC Welfare  
**Subject:** Correction on houses destroyed.

### Christchurch Civil Defence Update #6

**Wednesday 15 February 2017,**

#### Update on fires

We have just received a correction from the Police on earlier information about the number of homes that have been destroyed on Worsley Spur.

Around two to three houses are known to have been destroyed in this area, not 40 as previously reported.

Police and New Zealand Defence personnel are currently evacuating homes in the Kennedys Bush, Cashmere and Hoon Hay Valley roads as well as homes from the Sign of the Takahe to Victoria Park. The advice from Civil Defence is that if you have any concerns about your safety, leave your home.

The fire crossed Dyers Pass road this evening and into Victoria Park.

A welfare centre has been set up at Te Hapua Halswell Centre and the Nga Hau e Wha Marae is now open to residents evacuated.

## **Official Information**

---

**From:** EOC Public Information Management  
**Sent:** Wednesday, 15 February 2017 11:21 p.m.  
**To:** Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Community Board Advisers; Senior Leaders;  
[REDACTED] Georgina Stylianou; Smith, Ariana; EOC Welfare Centre - Pioneer; CDEM Canterbury; EOC Controller; EOC Operations; EOC Planning; EOC Public Information Management; EOC Welfare Centre - Burnside; Orion Comms Manager; Stephen.hill\_selwyn.govt.nz; Pringle, Ross  
**Cc:** Ritchie, Jocelyn  
**Subject:** Update on fires

### **Christchurch Civil Defence Update #5**

**Wednesday 15 February 2017,**

#### **Update on fires.**

Around 40 houses have been destroyed on Worsley Spur as additional staff continue to work through the night evacuating households at risk from the Port Hills fire.

Police and New Zealand Defence personnel are currently evacuating homes in the Kennedys Bush, Cashmere and Hoon Hay Valley roads as well as homes from the Sign of the Takahe to Victoria Park. The advice from Civil Defence is that if you have any concerns about your safety, leave your home.

The fire crossed Dyers Pass road this evening.

A welfare centre has been set up at Te Hapua Halswell Centre and the Nga Hau e Wha Marae is now open to residents evacuated.

## Official Information

**From:** Manji, Raf  
**Sent:** Wednesday, 15 February 2017 10:20 p.m.  
**To:** EOC Controller  
**Subject:** Re: Christchurch Civil Defence Update #3

Thanks. Where do evacuees from Cashmere Hills go to?

Kind regards

Raf

Raf Manji  
Councillor for Waimairi,  
Christchurch City Council.

(m) +64 274 185 119

On Wed, Feb 15, 2017 at 9:42 PM +1300, "EOC Controller" <[eoc.controller@ccc.govt.nz](mailto:eoc.controller@ccc.govt.nz)> wrote:

Raf,

That's correct. There will be on the ground monitoring.

Police have just started compulsory evacuating from the Sign of the Takahe to Victoria Park. They also compulsory evacuating the upper parts of Kennedy Bush Road. We are trying to get more intel on active fire fronts.

Please don't hesitate to drop us a note about anything else you hear through your connections.

Cheers David Adamson

Controller.

**From:** Manji, Raf  
**Sent:** Wednesday, 15 February 2017 9:23 p.m.  
**To:** EOC Controller  
**Subject:** Re: Christchurch Civil Defence Update #3

Hi John,

On the ground call from friends up at Dyers Pass Road (up by the Takahe) saying wall of flames stretching from Sugarloaf to Kennedys Bush. I know heli's have gone home but I presume full overnight monitoring will continue.

Good luck.

Kind regards

Raf

Raf Manji  
Councillor for Waimairi,  
Christchurch City Council.

(m) +64 274 185 119

On Wed, Feb 15, 2017 at 7:09 PM +1300, "EOC Controller" <eoc.controller@ccc.govt.nz> wrote:

**Christchurch Civil Defence Update #3**

**Wednesday 15 February 2017, 7.00pm**

**WELFARE CENTRES OPEN FOR RESIDENTS**

Residents who have been evacuated due to the Port Hills fires are able to seek help at two city welfare centres at Te Hapua Halswell Centre and Nga Hau e Wha Marae.

As of 6.30pm, just a handful of residents had arrived at the centres.

Around 300-400 people have been officially evacuated from homes in Worsley Road, Cracroft, the bottom of Hoon Hay Valley Road and the Westmorland area. Hundreds of others across the hills have self-evacuated as the fire spreads.

Welfare Centres are now open at Te Hapua Halswell Centre on Halswell Road and Nga Hau e Wha Marae on Pages Road, for residents who have been evacuated as a result of the Port Hills fires.

Christchurch Civil Defence Controller John Mackie says States of Emergency have been declared in Christchurch and Selwyn. The NZ Defence Force has also been deployed to support the response.

Canterbury Regional Controller Neville Reilly has been deployed to the Christchurch Civil Defence Emergency Operations Centre to head the overall response to the fires.

**GENERAL INFORMATION**

- If you are at all worried or uncomfortable remaining in your home, please evacuate. You can go to either of the city welfare centres for assistance.
- People are advised to stay away from the hills to allow emergency services access and ensure swift evacuation.
- Orion remain on full alert, ready to respond to any issues with power supply as a result of the fires. It is possible that there will be further outages until the fire is fully extinguished.

John Mackie

Controller EOC Christchurch

## Official Information

---

**From:** Ritchie, Jocelyn  
**Sent:** Wednesday, 15 February 2017 7:42 p.m.  
**To:** EOC Controller  
**Subject:** Fwd: Media Release: Port Hills/ Tai Tapu fire update: Residents should be prepared to evacuate

Sent from my iPhone

Begin forwarded message:

**From:** "Pringle, Ross" [REDACTED]  
**Date:** 15 February 2017 at 7:38:28 PM NZDT  
**To:** EOC Public Information Management <[eoc.pim@ccc.govt.nz](mailto:eoc.pim@ccc.govt.nz)>, "Kelly, Sarah" [REDACTED], "Ritchie, Jocelyn" <[REDACTED]>, CUCS Leadership Team <[REDACTED]>, CSR Bulletin [REDACTED]  
[REDACTED] "Murphy, Emily" [REDACTED]  
**Subject: FW: Media Release: Port Hills/ Tai Tapu fire update: Residents should be prepared to evacuate**

Please see update on fires below.

Regards  
Ross

**Subject: Media Release: Port Hills/ Tai Tapu fire update: Residents should be prepared to evacuate**

Media Release  
Wednesday 15 February 2017, 7.15pm

### **Port Hills/ Tai Tapu fire update: Residents should be prepared to evacuate**

There have been significant changes in the status of the Port Hills/ Tai Tapu fires this afternoon largely as a result of the wind shifting to the north-east. The fires are within an estimated 1,655 hectare area – not all of this area is alight as the fire has been extinguished in some locations.

The Marley Hill fire has spread extensively down Worsley Spur, causing extensive vegetation burning in the Christchurch Adventure Park. The fire is approaching the residential area of Westmoreland.

Three houses have been destroyed on Hoon Hay Valley Road this afternoon.

The Early Valley Road fire area is also extending. One house has been destroyed on Old Tai Tapu Road.

People living in the areas close to the fires on Port Hills are advised they should be prepared to evacuate at short notice.

If you have concerns about your safety and want to leave, you should do so.

Evacuations are happening in the following areas:

- Worsley Road
- Hoon Hay Road - from Cashmere Road, and
- Kennedys Bush Road - from Cashmere Road.
- Dyers Pass Road has also been evacuated from Sign of the Takahe
- Early Valley Road

Approximately 300 people have been evacuated to date.

A welfare centre is open at Te Hapua Halswell Centre where people can receive assistance. Pioneer Recreation Centre is not operating as a welfare centre.

People are also being evacuated from Early Valley Road with a welfare base set up at Lincoln Events Centre. Ngāi Tahu has made available Nga Hau e Wha Marae (Pages Road) for people displaced by the fires.

Authorities are strongly advising people to stay away from the Port Hills area where emergency crews are working so they can focus on firefighting.

Authorities are extremely grateful for the many offers of assistance and donated goods for those affected by the fire. Currently no donated goods are needed and people's accommodation needs are being managed. Agencies are currently planning to establish a relief fund for affected by the fire.

#### Road Closures

Please stay well away from the area and off the roads – so that emergency services personnel can do their job and keep people safe.

- NEW: Cashmere Road is closed west of Kaiwara Street through to Kennedys Bush Road.
- Worsleys Road is closed
- Hoon Hay Valley Rd is closed
- Kennedys Bush Road is closed form the roundabout with Rock Hill Drive. This includes the southbound cycle track
- Worsleys Track from Worsleys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road
- Early Valley Road is closed
- Holmes Road is closed.

#### Power

Orion remains on full alert, ready to respond to any issues with power supply as a result of the fires continuing in the Port Hills.

The unpredictability of the fire and the course it may take poses some threat to continuity of power supply to the Port Hills and the greater city.

It is possible that there will be further outages until the fires are fully extinguished.

Orion urges residents in the Port Hills area to take particular care around electricity at this time.

The company is working closely with emergency services to co-ordinate its response to any developments and ensure its customers are kept up to date as soon as information is made

available. For updates on outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

### **Health Advice**

Dr Alistair Humphrey, Canterbury Medical Officer of Health has advised that anyone suffering respiratory issues contact their GP in the first instance.

"For the vast majority of people, the smoke will be unpleasant, but carries no risk to their health. However, smoke may irritate the eyes, nose, throat and airways. More serious symptoms include runny or sore eyes, dry or sore throat, sore nose, cough, tightness of the chest or difficulty breathing.

"In healthy people, most symptoms disappear soon after exposure to smoke ends and do not cause long-term health problems."

People who have difficulty breathing, have a prolonged cough or tightness in their chest should make their own GP team their first call.

"In an emergency always phone 111. For all other health care needs make your usual general practice team your first call – after hours, and when they're closed, a team or nurses is ready to take your call. They can tell you what to do and where to go if you need to be seen urgently."

Dr Humphrey says most people are very unlikely to have any long-term health effects but people with pre-existing respiratory (lung) illness or heart disease may experience an exacerbation (recurrence) of their condition.

Cigarette smokers, the elderly, children and those with heart disease, asthma or other lung disease are at greatest risk of harm from smoke inhalation.

"Avoid exposure where possible by staying indoors and closing windows and doors," he says.

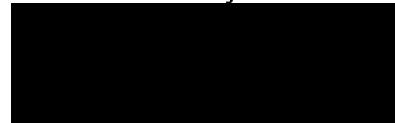
Ends

For media enquiries please contact:

Stephen Hill



Ross Pringle  
Christchurch City Council



**Selwyn District Council, 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch**

Phone: (03) 347-2800 or (03) 318-8338, Fax: (03) 347-2799

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## Official Information

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**From:** EOC Public Information Management  
**Sent:** Wednesday, 15 February 2017 7:03 p.m.  
**To:** EOC Controller  
**Subject:** FW: draft media release

Hi, John.

Below media release from Selwyn – our advice is they should send separately as we are pushing our comms through Newsline.

Sarah

**From:** Pringle, Ross  
**Sent:** Wednesday, 15 February 2017 6:58 p.m.  
**To:** EOC Public Information Management; Kelly, Sarah; Keenan, Di  
**Subject:** draft media release

Hi Sarah,

We have drafted the release below and just wondered if you had any feedback - should it go from you, Selwyn or as a joint thing?

Cheers  
Ross

**From:** Allannah Jarman [REDACTED]  
**Sent:** Wednesday, 15 February 2017 6:55 p.m.  
**To:** Pringle, Ross  
**Subject:** media draft

### **Port Hills Residents should be prepared to evacuate**

There have been significant changes in the status of the Port Hills/ Tai Tapu fires this afternoon. The fires are within an estimated as 1,655 hectare area – not all of this area is alight as the fire has been extinguished in some locations.

The Marley Hill fire has spread extensively down Worsley Spur, causing extensive vegetation burning in the Christchurch Adventure Park. The fire is approaching the residential area of Westmoreland.

Three houses have been destroyed on Hoon Hay Valley Road this afternoon.

The Early Valley Road fire area is also extending. No houses have been reported as destroyed this afternoon in this area.

People living in the areas close to the fires on Port Hills are advised they should be **prepared to evacuate at short notice**.

If you have concerns about your safety and want to leave, you should do so.

Evacuations are happening in the following areas:

- Worsley Road

- Hoon Hay Road - from Cashmere Road, and
- Kennedys Bush Road - from Cashmere Road.
- Dyers Pass Road has also been evacuated from Sign of the Takahe
- Early Valley Road

Approximately 300 people have been evacuated to date.

A welfare centre is open at Te Hapua Halswell Centre where people can receive assistance. Pioneer Recreation Centre is not operating as a welfare centre.

People are also being evacuated from Early Valley Road with a welfare base set up at Lincoln Events Centre. Ngāi Tahu has made available Tuahiwi Marae (219 Tuahiwi Rd) and Taumutu Marae (Gullivers Road, near Southbridge) for people displaced by the fires.

Authorities are strongly advising people to stay away from the Port Hills area where emergency crews are working so they can focus on firefighting.

### **Road Closures**

Please stay well away from the area and off the roads – so that emergency services personnel can do their job and keep people safe.

- NEW: Cashmere Road is closed west of Kaiwara Street through to Kennedys Bush Road.
- Worsleys Road is closed
- Hoon Hay Valley Rd is closed
- Kennedys Bush Road is closed from the roundabout with Rock Hill Drive. This includes the southbound cycle track
- Worsleys Track from Worseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road
- Early Valley Road is closed
- Holmes Road is closed.

### **Power**

Orion remains on full alert, ready to respond to any issues with power supply as a result of the fires continuing in the Port Hills.

The unpredictability of the fire and the course it may take poses some threat to continuity of power supply to the Port Hills and the greater city.

It is possible that there will be further outages until the fires are fully extinguished.

Orion urges residents in the Port Hills area to take particular care around electricity at this time.

The company is working closely with emergency services to co-ordinate its response to any developments and ensure its customers are kept up to date as soon as information is made available. For updates on outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

### **Health Advice**

Dr Alistair Humphrey, Canterbury Medical Officer of Health has advised that anyone suffering respiratory issues contact their GP in the first instance.

"For the vast majority of people, the smoke will be unpleasant, but carries no risk to their health. However, smoke may irritate the eyes, nose, throat and airways. More serious symptoms include runny or sore eyes, dry or sore throat, sore nose, cough, tightness of the chest or difficulty breathing."

"In healthy people, most symptoms disappear soon after exposure to smoke ends and do not cause long-term health problems."

People who have difficulty breathing, have a prolonged cough or tightness in their chest should make their own GP team their first call.

"In an emergency always phone 111. For all other health care needs make your usual general practice team your first call – after hours, and when they're closed, a team or nurses is ready to take your call. They can tell you what to do and where to go if you need to be seen urgently."

Dr Humphrey says most people are very unlikely to have any long-term health effects but people with pre-existing respiratory (lung) illness or heart disease may experience and exacerbation (recurrence) of their condition.

Cigarette smokers, the elderly, children and those with heart disease, asthma or other lung disease are at greatest risk of harm from smoke inhalation.

"Avoid exposure where possible by staying indoors and closing windows and doors," he says.

Authorities are extremely grateful for the many offers of assistance and donated goods for those affected by the fire. Currently no donated goods are needed and people's accommodation needs are being managed. Agencies are currently planning to establish a relief fund for affected by the fire.

**Selwyn District Council, 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch**

Phone: (03) 347-2800 or (03) 318-8338, Fax: (03) 347-2799

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## Official Information

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**From:** EOC Public Information Management  
**Sent:** Wednesday, 15 February 2017 6:12 p.m.  
**To:** Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Senior Leaders; EOC Controller  
**Subject:** Orion media release - 15 Feb 2017 - UPDATE: Orion prepared for any overnight issues  
**Attachments:** 170215 Update Orion prepared for any overnight issues.pdf; ATT00001.htm

Hello all,  
Here is the media release from Orion.  
Regards Di

Orion media release - for immediate release  
15 February 2017

UPDATE: Orion prepared for any overnight issues

Orion remains on full alert, ready to respond to any issues with power supply as a result of the fires continuing in the Port Hills.

The unpredictability of the fire and the course it may take poses some threat to continuity of power supply to the Port Hills and the greater city.

It is possible that there will be further outages until the fires are fully extinguished.

Orion urges residents in the Port Hills area to take particular care around electricity at this time.

The company is working closely with emergency services to co-ordinate its response to any developments and ensure its customers are kept up to date as soon as information is made available.

For updates on outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

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This electronic mail message together with any attachment is confidential. If you are not the intended recipient then do not disclose, copy or use the contents in any way, and please let us know by return e-mail then destroy this message.  
Any views expressed in this message are those of the individual sender and may not necessarily reflect the views of Management.



## Media release

For immediate release

15 February 2017

# UPDATE: Orion prepared for any overnight issues

Orion remains on full alert, ready to respond to any issues with power supply as a result of the fires continuing in the Port Hills.

The unpredictability of the fire and the course it may take poses some threat to continuity of power supply to the Port Hills and the greater city.

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For updates on outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

ENDS

Media contact:  
Linda McGregor  
Communications and Engagement Manager  
[Linda.mcgregor@oriongroup.co.nz](mailto:Linda.mcgregor@oriongroup.co.nz)  
03 363 9614 027 548 7418

## Official Information

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**From:** EOC Public Information Management  
**Sent:** Wednesday, 15 February 2017 6:05 p.m.  
**To:** [REDACTED] Woods, Darrin; Councillors and Mayor; Comm Bd  
Mbrs (exc Crs); Senior Leaders; Community Governance Managers  
**Cc:** EOC Controller; EOC Public Information Management; Palmer, Alicia  
**Subject:** State of Emergency Declared

### STATES OF EMERGENCY DECLARED IN CHRISTCHURCH AND SELWYN

The Mayors of Christchurch City and Selwyn District have made a joint decision to declare States of Emergency in their respective areas in relation to the Port Hills fires.

The declaration follows the evacuation this afternoon of 200-300 residents as the fire shifted closer to residential properties. It is no longer just a significant rural fire on the boundary of the city. It is now a city issue with suburbs being evacuated.

Christchurch Mayor Lianne Dalziel says a city response is also required to ensure the safety and welfare of residents.

"Christchurch needs a multi-agency response given the seriousness of the situation. We need to be able to draw on all the resources possible to give our residents confidence in the ongoing response."

Selwyn District Mayor Sam Broughton says, "we acknowledge there has been a huge effort responding to the fire to date, however this declaration recognises the seriousness of the situation, and this will allow us to provide all the assistance necessary to respond to the unfolding situation.

"The district and the city must work together to manage the situation and address the different challenges the fire is creating in each area."

## **Official Information**

---

**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 5:21 p.m.  
**To:** Smith, Ariana  
**Cc:** EOC Controller  
**Subject:** RE: Christchurch Civil Defence Update #3

Hi Ariana

This concern is also expressed by the Controller and we are now acting to get regular updates from Selwyn District.

Regards

Marieke van Genugten

PA to Controller

**From:** Smith, Ariana  
**Sent:** Wednesday, 15 February 2017 5:11 p.m.  
**To:** EOC Controller  
**Subject:** RE: Christchurch Civil Defence Update #3

Hi John

Understand that we can't forward this info, but Lianne notes that we haven't had an update from the Selwyn EOC since about 10 this morning. Need more regular updates if possible?

Ariana

Ariana Smith | Chief of Staff | Mayor's Office

CIVIC OFFICES, 33 HERCIFORD STREET, CHRISTCHURCH  
PO Box 73016, Christchurch 8154

**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 4:59 p.m.  
**To:** Councillors and Mayor; Senior Leaders; Executive Leadership Team; Community Governance Managers; Comm Bd Mbrs (exc Crs)  
**Cc:** EOC Controller; EOC Public Information Management  
**Subject:** Christchurch Civil Defence Update #3

**Christchurch Civil Defence Update #3**

**Wednesday 15 February 2017, 5.00pm**

Dear all,

Given the worsening situation regarding the Port Hills fires, the Christchurch Civil Defence Emergency Operations Centre is being reactivated at 4.30pm today.

## **Official Information**

---

**From:** Smith, Ariana  
**Sent:** Wednesday, 15 February 2017 5:46 p.m.  
**To:** EOC Controller  
**Subject:** RE: Christchurch Civil Defence Update #3

Hi Marieke

Where is the Selwyn EOC based?

**From:** Smith, Ariana  
**Sent:** Wednesday, 15 February 2017 5:24 p.m.  
**To:** EOC Controller  
**Subject:** RE: Christchurch Civil Defence Update #3

Thanks! Thanks also for road closure info.

Ariana

Ariana Smith | Chief of Staff | Mayor's Office

Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch 8154

**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 5:21 p.m.  
**To:** Smith, Ariana  
**Cc:** EOC Controller  
**Subject:** RE: Christchurch Civil Defence Update #3

Hi Ariana

This concern is also expressed by the Controller and we are now acting to get regular updates from Selwyn District.

Regards

Marieke van Genugten

PA to Controller

**From:** Smith, Ariana  
**Sent:** Wednesday, 15 February 2017 5:11 p.m.  
**To:** EOC Controller  
**Subject:** RE: Christchurch Civil Defence Update #3

Hi John

Understand that we can't forward this info, but Lianne notes that we haven't had an update from the Selwyn EOC since about 10 this morning. Need more regular updates if possible?

Ariana

Ariana Smith | Chief of Staff | Mayor's Office  
[REDACTED]

Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch 8154

**From:** EOC Controller

**Sent:** Wednesday, 15 February 2017 4:59 p.m.

**To:** Councillors and Mayor; Senior Leaders; Executive Leadership Team; Community Governance Managers; Comm Bd Mbrs (exc Crs)

**Cc:** EOC Controller; EOC Public Information Management

**Subject:** Christchurch Civil Defence Update #3

### Christchurch Civil Defence Update #3

**Wednesday 15 February 2017, 5.00pm**

Dear all,

Given the worsening situation regarding the Port Hills fires, the Christchurch Civil Defence Emergency Operations Centre is being reactivated at 4.30pm today.

Selwyn District Council remains the lead agency at this stage for all management and communications around the fire. It is important to maintain one source of truth for public information, however we are sharing all of their updates. We are also very aware of the needs of elected members for information to share with your communities.

The latest information is as follows:

- Residents are being evacuated from Worsley Road, Cracroft, the bottom of Hoon Hay Valley Road and the Westmorland area. It is estimated that 200-300 people are affected.
- Police have directed them to Pioneer Stadium, with 20-30 people there by around 4.30pm today. This may be a temporary arrangement, however the details are still unfolding.
- Centres at Nga Hau e Wha and Tuahiwi Marae are also being activated. Others may follow.
- Media reports of damage to the Christchurch Adventure Park are being broadcast.
- People are advised to stay away from the hills to allow emergency services access and ensure swift evacuation.
- Christchurch Civil Defence is issuing radio updates advising people worried about their safety to leave their homes. We are also advising that, if widespread evacuation is needed, emergency services will inform residents directly.

The situation is developing quickly and we will keep you updated as soon as more information is available.

Please note that these updates remain unofficial and are prepared for your information rather than wider circulation. You can share the official EOC updates through your community contacts.

John Mackie

Controller

## **Official Information**

---

**From:** EOC Planning  
**Sent:** Wednesday, 15 February 2017 5:13 p.m.  
**To:** EOC Controller  
**Subject:** FW: Document1  
**Attachments:** Document1.docx

**From:** Holland, Richard  
**Sent:** Wednesday, 15 February 2017 5:10 p.m.  
**To:** EOC Planning  
**Subject:** Document1

Road closure information:

- Worsleys Rd is closed from Cashmere Rd to all traffic and residents - police checkpoint in place.
- Hoon Hay Valley Rd closed to traffic - residents can access properties
- Kennedys Bush Road is closed form the roundabout with Rock Hill Drive. This includes the southbound cycle track
- Worsleys Track from Worlseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road
- Early Valley Road is closed
- Holmes Road is closed.

Please stay well away from the area and off the roads so that emergency services personnel can do their job and keep people safe.

## Official Information

---

**From:** Mackie, John  
**Sent:** Wednesday, 15 February 2017 10:45 a.m.  
**To:** EOC Controller  
**Subject:** Fwd: Burkes 1 and 2

Update on water supply services at Burkes.

Sent from my iPad

Begin forwarded message:

**From:** "Pink, Steve" [REDACTED]  
**Date:** 15 February 2017 at 10:40:53 AM NZDT  
**To:** "Mackie, John" [REDACTED]  
**Subject: FW: Burkes 1 and 2**

Hi John

Update -

I have been working alongside City Care these last two days with regards to the fire on the Port Hills  
- See emails below.

Portable generator has been set up at Burkes 1 so that water can be pumped up to Burkes 2  
allowing the water retic to start supplying water the various properties in this area.

To help with the water situation I have agreed to let City Care (CCL water tanker) replenish various  
properties where necessary. I have requested a list of properties requiring water.

If you require any additional info please contact me.

Regards

Steve

**From:** Brian Newth [REDACTED]  
**Sent:** Wednesday, 15 February 2017 8:19 a.m.  
**To:** Pink, Steve; Barron, Chris (CityCare); Gramstrup, Alan (City Care); Newth, Neil (CityCare)  
**Cc:** Andrew Stewart  
**Subject: Re: Burkes 1 and 2**

Morning all,

Burkes 1 seems to have normal flow in and normal flow downhill, which tells me all the  
break tanks are full and downhill residents are back to there normal restricted flow. This  
should mean there are no more leaks downhill.

The pumps are still running to fill Burkes 2 but i have not checked that far up the hill. I are  
finding out through the command centre if we are allowed near Burkes 2 with or without an  
escort.

2 residents have asked if there private tanks can be filled to replenish what the fire brigade has used up and Steve will decide if tankers are required, at the moment there is no need to tanker water to Burkes 1.

Anyone visiting Burkes 1 will need to be aware of the open range nature with no fencelines and there are 9 bulls hanging around Burkes 1.

The fire at the sign of the kiwi is out of control, the fire on Governors Bay side is out of control and another very large fire as gone out of control in Lansdowne near Holmes Rd., but none of these should damage any of the system. The choppers have just started again, and seem to be concentrating on the Governors Bay side.

Regards Brian

Brian Newth  
Foreman  
City Care Ltd.  
[REDACTED]

----- Original message -----

From: Brian Newth [REDACTED]  
Date: 14/02/2017 9:43 PM (GMT+12:00)  
To: s [REDACTED] Chris Barron <[REDACTED]>, Alan Gramstrup [REDACTED], Neil Newth <[REDACTED]>  
Cc: Andrew Stewart <[REDACTED]>  
Subject: Burkes 1 and 2

Hi All,

When i left there was 75-80lpm going into Burkes 1. The generator is running, controlling the pumps and pressure is near normal up to Burkes 2.

We fixed 2 leaks between Kennedys and Burkes 1 and 2 leaks downhill from Burkes 1. There is still a lot of flow downhill from Burkes 1, but it could be refilling break tanks. Until full pressure comes up in all areas we wont know if there are further leaks. The attachments show the devistation on Burkes side, so we dont know what its like between Burkes 2 and the end of the line in 2 directions.

Protranz are delivering 2 or 3 loads to Burkes 1 which will help replenish the system. Burkes 2 is not monitored, so i will check inflow and outflow tomorrow morning, and also inflow and outflow from Burkes 1. I will get back with an update midmorning.

Neil, please excuse me from the team brief as i need to check this out so i can plan repairs if needed, as i have half day annual tomorrow afternoon. Also have Stan and Andrew available for repairs if needed. I will go up at first light.

Regards Brian

Brian Newth  
Foreman  
City Care Ltd.  
[REDACTED]

## Official Information

---

**From:** Palmer, Alicia  
**Sent:** Wednesday, 15 February 2017 10:39 a.m.  
**To:** EOC Public Information Management; EOC Controller; EOC Logistics  
**Subject:** FW: Port Hills Complex 1000hrs Sitrep  
**Attachments:** Port Hills Complex 1000 Sitrep 15 2 17.docx

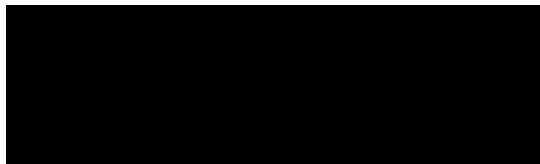
Hello,

Please find attached the 1000 hours SITREP from Darrin Woods, Principal Rural Fire Officer.

Kind regards,

**Alicia Palmer**

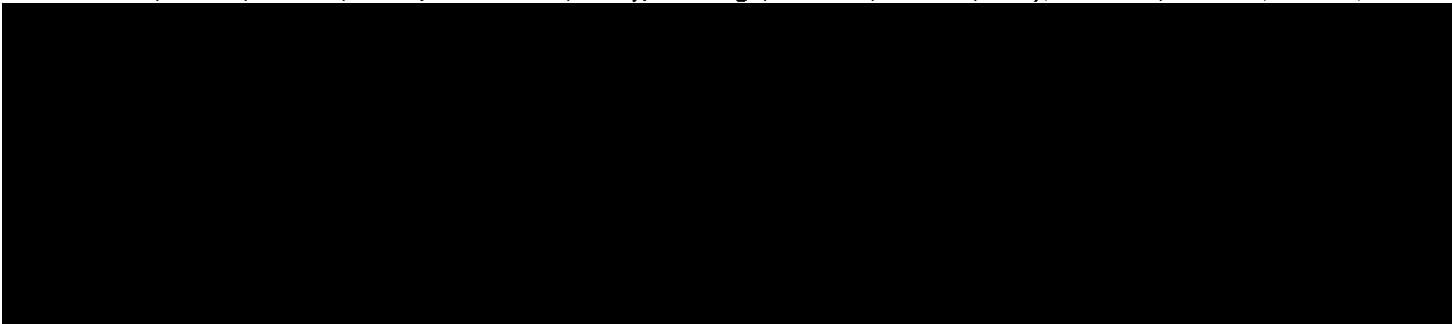
**Head of Civil Defence Emergency Management and Rural Fire**  
Civil Defence Emergency Management & Rural Fire Unit



**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

**From:** Tatterson, Christine  
**Sent:** Wednesday, 15 February 2017 10:27 a.m.  
**To:** Woods, Darrin; Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel,



**Cc:** Tatterson, Christine  
**Subject:** RE: Port Hills Complex 1000hrs Sitrep

Good morning,

Please find attached the Situation Report from 10:00 hrs this morning.

Regards

**Darrin Woods**  
**Principal Rural Fire Officer**

## **Official Information**

---

**From:** Palmer, Alicia  
**Sent:** Wednesday, 15 February 2017 9:42 a.m.  
**To:** EOC Controller  
**Subject:** FW: urgent sign off needed

Hi John,

Are you happy to sign this off?

Kind regards,

**Alicia Palmer**

**Head of Civil Defence Emergency Management and Rural Fire**  
Civil Defence Emergency Management & Rural Fire Unit

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

**From:** Keenan, Di  
**Sent:** Wednesday, 15 February 2017 9:38 a.m.  
**To:** Palmer, Alicia  
**Cc:** Kelly, Sarah  
**Subject:** urgent sign off needed

Alicia - can you sign this off...it is to go to the PIM at Selwyn who is currently preparing a round-up. Can you include Sarah

Around 107 residents were evacuated from the Allandale area near Governors Bay overnight due to the fire risk. The Christchurch City Council has activated an Emergency Operations Centre to coordinate the welfare operation which includes a welfare centre at the Governors Bay school. The school is closed today.

**Diane Keenan**  
**Manager**  
Public Information and Participation Unit

**Web:** [www.ccc.govt.nz](http://www.ccc.govt.nz)  
**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73014, Christchurch, 8154

## Official Information

---

**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 8:27 a.m.  
**To:** Councillors and Mayor; Senior Leaders; Executive Leadership Team; Community Governance Managers; Comm Bd Mbrs (exc Crs)  
**Cc:** EOC Public Information Management; EOC Controller  
**Subject:** Civil Defence Update Wednesday 15th February: 8.20am

Good morning all,

This is the first of what will be regular updates to you following the activation of the Emergency Operations Centre (EOC) at around 5.30am today to support the Rolleston EOC response to the fire. Our focus is to support our civil defence volunteers in providing welfare support to evacuated residents. The situation regarding the fire escalated in the early hours of the morning on the Marleys Hill fire. The fire has now progressed downhill through the forest to below the powerlines. It is only about 150m from the Sign of the Kiwi.

Our activation follows the evacuation of around 107 residents from the Allandale area near Governors Bay due to the fire risk. Many of these residents recognising the risk from the approaching fire evacuated themselves. We have set up a welfare centre at the Governors Bay school and staff and volunteers are currently looking after residents at this centre. The school is closed today. Looking after these residents, including finding a temporary home for one family, is our current focus. The community is rallying to provide support, for example Una from She Chocolate at Governors Bay is providing free coffees and breakfast for the evacuees and welfare staff in the area.

The Selwyn Emergency Operations Centre is leading the response to the fire. While ground operations continued overnight, helicopters began operating from first light this morning (around 6.15am)

The second fire, the Early Valley Road fire has remained relatively calm overnight.

We have set up our emergency operations centre in the Function Room.

Please note that these updates remain unofficial and are prepared for your information rather than wider circulation. You can share the official EOC updates through your community contacts.

We will continue these updates as we have more to share.

Regards

John Mackie  
Controller

## Official Information

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**From:** Janelle Mackie [REDACTED]  
**Sent:** Thursday, 16 February 2017 1:02 a.m.  
**To:** EOC Controller  
**Subject:** Update

Hi Dave

Have installed myself at the DCC

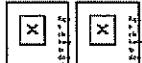
They are just preparing a map of all the areas they have evacuated ..... I will send that through.

I will stay here until I think no longer helpful, you need me ....or they throw me out

Janelle

Janelle Mackie

Emergency Management Advisor - Training & Development  
Regional Emergency Management Office  
Canterbury Civil Defence Emergency Management Group  
PO Box 345, Christchurch 8140  
41 Chester St West, Christchurch



[www.cdemcanterbury.govt.nz](http://www.cdemcanterbury.govt.nz)



## Official Information

---

**From:** Janelle Mackie [REDACTED]  
**Sent:** Thursday, 16 February 2017 1:44 a.m.  
**To:** EOC Controller  
**Subject:** For PIM message

Hi Dave

For PIM messages about level of overnight support...for public reassurance

There is additional 86 staff made up of 50 NZ Police and 36 NZDF personnel working overnight specifically on the Port Hills fire response. They are doing evacuations, joint patrols and reassurance in the areas impacted by the fires.

Hope that helps

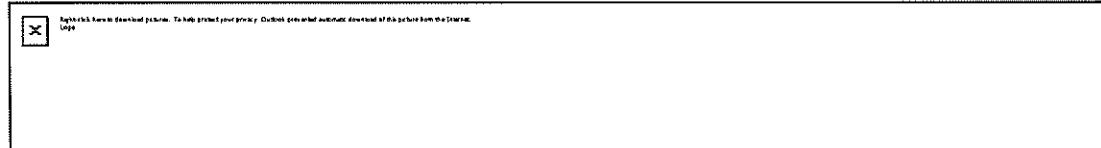
Janelle

Janelle Mackie

Emergency Management Advisor - Training & Development  
Regional Emergency Management Office  
Canterbury Civil Defence Emergency Management Group  
PO Box 345, Christchurch 8140  
41 Chester St West, Christchurch



[www.cdemcanterbury.govt.nz](http://www.cdemcanterbury.govt.nz)



## Official Information

---

**From:** Janelle Mackie <[REDACTED]>  
**Sent:** Thursday, 16 February 2017 2:39 a.m.  
**To:** EOC Controller  
**Subject:** RE: For PIM message

Just finalising – had a few technical difficulties

**From:** EOC Controller [mailto:[eoc.controller@ccc.govt.nz](mailto:eoc.controller@ccc.govt.nz)]  
**Sent:** Thursday, 16 February 2017 2:13 AM  
**To:** Janelle Mackie [REDACTED]  
**Subject:** RE: For PIM message

Hi

Any sign of a map?

David

**From:** Janelle Mackie [REDACTED]  
**Sent:** Thursday, 16 February 2017 1:44 a.m.  
**To:** EOC Controller  
**Subject:** For PIM message

Hi Dave

For PIM messages about level of overnight support...for public reassurance

There is additional 86 staff made up of 50 NZ Police and 36 NZDF personnel working overnight specifically on the Port Hills fire response. They are doing evacuations, joint patrols and reassurance in the areas impacted by the fires.

Hope that helps

Janelle

Janelle Mackie

Emergency Management Advisor - Training & Development  
Regional Emergency Management Office  
Canterbury Civil Defence Emergency Management Group  
PO Box 345, Christchurch 8140  
41 Chester St West, Christchurch



## Official Information

---

**From:** Janelle Mackie <[REDACTED]>  
**Sent:** Thursday, 16 February 2017 2:43 a.m.  
**To:** EOC Controller  
**Subject:** FW: Evacuated Properties

Hi Dave

Actual street names below – they had to go out to the field commanders and confirm

Janelle

**From:** Liam Smart <[REDACTED]>  
**Sent:** Thursday, 16 February 2017 2:41 AM  
**To:** TABB, Ashley (Ash) <[REDACTED]>, ERASMUS, Derek <[REDACTED]> Janelle  
Mackie <[REDACTED]>  
**Subject:** Evacuated Properties

Evacuation Update -

Victoria Park

Evacuated Longhurst Road and all cul-de-sacs. Cordoned, 3x reassurance patrols in the area. Includes from the summit down to 192 Dyers Pass Road.

Worsleys Road

Evacuated from the Summit down to 319 Worsleys road and cordoned, No reassurance patrols but mobile is on Worsleys/Cashmere Road with Police and Fire.

Westmorland

Evacuated Penruddock Rise towards Summit From Sedbergh Place. Ravensdale Rise towards Summit from Woodside Common. Cordoned at bottom of the hill @ Penruddock/Cashmere road. 2x reassurance patrols

Kennedys Bush

Evacuated Kennedys Bush road down to Cashmere Road, Cordoned, 1x reassurance patrol

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=====

**WARNING**

The information contained in this email message is intended for the addressee only and may contain privileged information. It may also be subject to the provisions of section 50 of the Policing Act 2008, which creates an offence to have unlawful possession of Police property. If you are not the intended recipient of this message or have received this message in error, you must not peruse, use, distribute or copy this message or any of its contents.

Also note, the views expressed in this message may not necessarily reflect those of the New Zealand Police. If you have received this message in error, please email or telephone the sender immediately

## **Official Information**

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**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 5:07 a.m.  
**To:** EOC Controller  
**Subject:** FW: Civil Defence Update #9, 16 February 2017, 4.55am

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 5:00 a.m.  
**Subject:** Civil Defence Update #9, 16 February 2017, 4.55am

### **Christchurch Civil Defence Update #9**

**Thursday 16 February 2017**

**Update on Port Hills Fire 4.55am**

### **FURTHER EVACUATIONS**

Police are now evacuating residents downhill of the Sign of the Takahe on Dyers Pass Road as far as and including Kiteroa Place and Pentre Terrace.

Residents will be contact directly by police who are in the area now knocking on doors. If you feel unsafe, you are advised to self-evacuate.

Police have continued to express concerns about traffic and people in the area and directed all non-residents to stay away, keeping it clear for emergency services.

## **Official Information**

---

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 6:11 a.m.  
**To:** EOC Controller  
**Subject:** Christchurch Civil Defence Update #9, Thursday 16 February, 6.15am - FOR APPROVAL

### **Christchurch Civil Defence Update #9**

**Thursday 16 February 2017**

**Update on Port Hills Fire 6.00am**

Evacuations are continuing on the Port Hills as the fires continue to burn. A total of 450 properties have been officially evacuated, with police door-knocking downhill of the Sign of the Takehe as far as Kiteroa Place since early this morning. Others have self-evacuated as the fire spread overnight.

The fire now spans around 1800 hectares across the hills, with latest reports that it has now spread to the harbour side of Sugarloaf.

Seven houses are believed to have been damaged by the fire since yesterday, on Early Valley Road and Worsley Road.

Christchurch Civil Defence Controller Dave Adamson says there has been a phenomenal amount of ground staff working through the night, with addition crews set to continue the effort from day break.

"The fire now spans a large front and all agencies are coordinating very well to fight the blaze and support the community. However, the situation remains very serious. Police and the Defence Force have had a huge job overnight with evacuations, the setting-up of cordons around key areas and security patrols of areas that have been evacuated."

Members of the public are being told to keep away from the hills to allow emergency services to do their job.

The public are encouraged to follow official updates on the Christchurch City Council's Newsline website and social media, as well as other emergency services updates.

## **Official Information**

---

**From:** EOC Intelligence  
**Sent:** Thursday, 16 February 2017 6:51 a.m.  
**To:** EOC Logistics; EOC Operations; EOC Welfare; EOC Controller  
**Subject:** CCCEOCSitrep 3 - Port Hills Fires  
**Attachments:** CCCEOCSitrep 3 - Port Hills Fires.docx

Overnight SIT REP

## Situation Report

| 1. EOC/ECC | 2. Situation as at: 5:00am<br>Time Date: |  | 3. SITREP Number | 4. Originator Record # |
|------------|--|--|------------------|------------------------|
| CCC EOC    | 5:00am, 16 February<br>2017              |  | # 3              | Peter Barnes           |

**5. Summary of Events**  
(What has happened? Note any critical issues and assumptions made. Attach map, drawing and or tables describing the event—if applicable.)

Two previously separate Port Hills fires (Early Valley and Marley Hill) have merged to form one large fire. The fires stretches from Victoria Park and Worsleys Road in the North, to Cass Peak in the South, Early Valley in the west, and hill slopes above Govenors Bay in the east.

At 6.05pm 15 February a State of Local Emergency was declared for the Christchurch City Council and Selwyn District Council Areas. CDEM Group staff are co-locating with Christchurch City Council CDEM EOC. The Regional Incident Management Team (RIMT) for Rural Fire will remain located at the Selwyn District Council and they will continue to manage the fire response. A liaison officer from Canterbury CDEM Group will be located at the RIMT.

Assets compromised include communication repeaters, electricity infrastructure, residential properties, the Christchurch Adventure Park, and significant recreation, forestry and ecological reserves.

There was significant fire development during Wednesday afternoon/evening, the estimated area of the fire is now in excess of 1850 hectares, and growing. There have been a significant number of residential properties affected. To date, at least 7 dwellings have been impacted upon by fire to some degree.

Police managed resident evacuations, with support from NZDF personnel. Approx. 450 households in threatened areas, including Kennedys Bush, Westmoreland, Dyers Pass Rd/Cashmere and Worsleys Rd. The majority of evacuees chose to stay with friends or family. Christchurch City Council provided a welfare centre at Te Hapua in Halswell (where a total of 4 stayed inside, and 7 in vehicles with pets), and Nga Hau e Wha Marae was also opened and made available, but not used at all.

Road cordons remain in place around the fire, managed by Police and NZDF personnel. CTOC advise the following:

- Cashmere Rd is closed west of Kaiwara St to Kennedys Bush Rd
- Worsleys Rd is closed from Cashmere Rd
- Hoon Hay Valley Rd is closed.
- Kennedys Bush Road is closed
- Worsley's Track from Worsleys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route
- Summit Road is closed between Gebbies Pass and Rapaki Track.
- Old Tai Tapu Road is closed between Osterhols Road and Early Valley Road
- Early Valley Road is closed
- Holmes Road is closed.

PIM staff have periodically provided media releases, updated Council website and social media. Key messages have included updates on fire progression, evacuation areas, welfare centre availability, self-evacuate if you feel anxious, and no rubbernecks.

Logistics staff have sourced resources, looked after staff needs and supported Te Hapua welfare centre.

Welfare staff have focussed on resourcing and maintaining Te Hapua.

**6. Predicted Event Development** (Note how the situation is expected to evolve - including - weather and other factors or limitations should be noted)

To be completed. Weather dependent. Other factors?

**7. Action Taken** (What are the partner agencies are doing now? What has been done since previous SITREP or Action Plan? What coordination issues arise from this, if any?)

**8. Recovery** (Outline current Recovery planning processes and Recovery activities. What further coordination is between Response + Recovery?)

Damage assessments will be required for:

- Roading and footpaths
- Walking tracks, mountain bike tracks and other recreational facilities
- Retaining walls
- Bridges
- Fencing (boundary fencing, road fencing, stock fencing)
- Signage and other markers
- 3 waters infrastructure

A recovery consideration will be staff welfare and potential exhaustion.

|   |              |   |   |
|---|--------------|---|---|
| <b>9. Prepared by:</b>                                | Peter Barnes | <b>Role:</b><br>Planning & Intelligence | <b>Time Date:</b><br>5:00am Thursday 16 February 2017 |
| <b>10. Approved for release by Controller (Name):</b> |              | <b>Signature:</b>                       | <b>Time Date:</b>                                     |

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### **Evacuations Table**

| Evacuated From:<br>(Location) | No.<br>Known | No.<br>Est' | Evacuated to:<br>(Location) | No. | Agencies Involved: | Remarks / Needs |
|-------------------------------|--------------|-------------|-----------------------------|-----|--------------------|-----------------|
|                               |              |             |                             |     |                    |                 |

### **Deaths / Injuries Table**

| Location | Injured      |             | Deaths          |              |             |
|----------|--------------|-------------|-----------------|--------------|-------------|
|          | No.<br>Known | No.<br>Est' | Nature + Causes | No.<br>Known | No.<br>Est' |
|          |              |             |                 |              |             |

### **Transport Routes Status Table**

| District / Ward | Location | Name of infrastructure | Reason for closure / restriction | Expected open/close date/time |
|-----------------|----------|------------------------|----------------------------------|-------------------------------|
|                 |          |                        |                                  |                               |

### **Infrastructure Status Table**

(Infrastructure includes public facilities, housing, etc, and Engineering Lifelines - other than transport routes)

| District / Ward | Location | Name / Type of infrastructure | Current Status | Issues |
|-----------------|----------|-------------------------------|----------------|--------|
|                 |          |                               |                |        |

### Social/Community Status Table

(Social/Community includes: Towns, communities, age-groups, ethnic groups, employment types, etc – where relevant to the response/recovery. Do not repeat information contained in other status tables, but indicate Social/Community implications of other issues where appropriate.)

| District / Ward | Location | Name / Aspect of Community | Current Status | Issues |
|-----------------|----------|----------------------------|----------------|--------|
|                 |          |                            |                |        |
|                 |          |                            |                |        |
|                 |          |                            |                |        |

### Critical Resources Status Table

(Critical Resources include: equipment, personnel, information, supplies, etc, that are either critical to the current response/recovery or are likely to be come so in the near future, due to the situation escalating and/or the resource(s) being expended locally. These resources include those currently available and those not available but required for future response/recovery activities.)

| Type of Resource | Currently Available: | Required: | Why Critical? | Location of need | Issues |
|------------------|----------------------|-----------|---------------|------------------|--------|
|                  |                      |           |               |                  |        |

### **EOC/ECC Staffing Status Table**

(EOC/ECC Staffing includes all staff carrying out functions within the facility - host/lead agency and response organisation representatives and others.)

| <b>Current EOC/ECC Activation Level:</b> | <b>Activation Level within next 24 hours:</b> | <b>Longer term activation levels:</b> | <b>Shift System in place:</b> | <b>EOC/ECC Staff Gaps:</b> |
|--|---|---------------------------------------|-------------------------------|----------------------------|
|  |   |                                       |                               | .                          |

| <b>Local EOC/ Area/Sector/ Welfare Activation:</b> | <b>Activation Level within next 24 hours:</b> | <b>Longer term activation levels:</b> | <b>Shift System in place:</b> | <b>Staff Gaps:</b> |
|--|---|---------------------------------------|-------------------------------|--------------------|
|  |   |                                       |                               |                    |

Telecommunications plan and organisation chart can be attached to SITREP and/or Action Plan.

### **External Data:**

### **Event Map(s):**

## **Official Information**

---

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 8:18 a.m.  
**Subject:** Christchurch Civil Defence Update #11, Thursday 16 February 2017, 8.15am

### **Christchurch Civil Defence Update #11**

**Thursday 16 February 2017**

#### **Update on Port Hills Fire 8.15am**

Emergency response agencies are meeting this morning for a joint briefing on the status of the Port Hills fire.

The main message remains - the police are stressing that it is imperative that members of the public keep away from the hills. People "rubber-necking" are disrupting the emergency response and making it harder for police and fire services to do their jobs.

The public are encouraged to follow official updates on the Christchurch City Council's Newsline website and social media, as well as other emergency services updates.

#### **Schools update**

The Ministry of Education has confirmed that both Governors Bay School and Cashmere Primary School are closed. The Ministry will provide further updates as they become available.

#### **Christchurch Adventure Park Update**

Firefighters were able to keep the fire away from the Christchurch Adventure Park village overnight and the chair is still running to reduce any hot spots. Fire crews remain stationed near the village. While the fire remains alight there is still a risk to the village and the situation is being monitored.

#### **Metro bus update**

Due to the fire and evacuations all Metro bus Blue Line trips will end at Princess Margaret Hospital until further notice. No trips will run to the Cashmere Hill.

Due to the fire on the Port Hills all trips travelling to Westmorland will end their trips on Cashmere Road near Penruddock Rise. Bus trips will depart travelling towards Eastgate from stop 33348 on Cashmere Road instead. This is until further notice.

Please check the metro web site on [www.metroinfo.co.nz](http://www.metroinfo.co.nz)

## **Official Information**

---

**From:** Nuttall, Vanessa  
**Sent:** Wednesday, 15 February 2017 8:26 a.m.  
**To:** EOC Controller  
**Subject:** CCCEOCSitrep 1 - Port Hills Fires  
**Attachments:** CCCEOCSitrep 1 - Port Hills Fires.docx

## Situation Report

|                      |   |                         |                               |
|----------------------|---|-------------------------|-------------------------------|
| <b>1. EOC/ECC</b>    | <b>2. Situation as at:</b> 5:33am                       | <b>3. SITREP Number</b> | <b>4. Originator Record #</b> |
| <b>Function room</b> | <b>Time Date:</b> 5:33am 15 <sup>th</sup> February 2017 | # 1                     | Vanessa Nuttal                |

**5. Summary of Events**

(What has happened? Note any critical issues and assumptions made. Attach map, drawing and or tables describing the event—if applicable.)

Fires on the Port Hills – Christchurch EOC operation to support the Rolleston Selwyn EOC.

From 160 Governors Bay Road to Allandale and Church Lane.

27 Evacuees registered at Governors Bay School – currently 14 at the centre. Governors Bay School is closed today.

Blankets and Mattress have arrived at the evacuation centre

Accommodation needed for 1 family (2 adults and 2 kids)

5 CDEM volunteers @ Governors Bay School

Fire Services will resume Aerial support, helicopters expected 7am approx. Currently doing asset protection. Pumps and tankers on scene

Approx. 40 household evacuated approx. 106 people

A number of people self-evacuated

She' Chocolate providing breakfast to volunteers and evacuees (for free)

No more evacuations are expected.

**6. Predicted Event Development** (Note how the situation is expected to evolve – including weather and other factors or limitations should be noted)

**7. Action taken** (What are the partner agencies are doing now? What has been done since previous SITREP or Action Plan? What coordination issues arise from this, if any?)

**8. Recovery** (Outline current Recovery processes and Recovery activities. What further coordination is between Response + Recovery?)

|  |                 |            |                         |            |   |
|--|-----------------|------------|-------------------------|------------|---|
| 9. Prepared by:                                | Vanessa Nuttall | Role:      | Planning & Intelligence | Time Date: | 7:24am Wednesday 15 <sup>th</sup> February 2017 |
| 10. Approved for release by Controller (Name): |                 | Signature: |                         | Time Date: |   |

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### Evacuations Table

| Evacuated From:<br>(Location) | No.<br>Known | No.<br>Est' | Evacuated to:<br>(Location) | No: | Agencies Involved: | Remarks / Needs |
|-------------------------------|--------------|-------------|-----------------------------|-----|--------------------|-----------------|
|                               |              |             |                             |     |                    |                 |

### Deaths / Injuries Table

| Location | Injured      |             |                 | Deaths       |             |        |
|----------|--------------|-------------|-----------------|--------------|-------------|--------|
|          | No.<br>Known | No.<br>Est' | Nature + Causes | No.<br>Known | No.<br>Est' | Causes |
|          |              |             |                 |              |             |        |

### Transport Routes Status Table

| District / Ward | Location | Name of infrastructure | Reason for closure / restriction | Expected open/close date/time |
|-----------------|----------|------------------------|----------------------------------|-------------------------------|
|                 |          |                        |                                  |                               |

### Infrastructure Status Table

(Infrastructure includes public facilities, housing, etc, and Engineering Lifelines - other than transport routes)

| District / Ward | Location | Name / Type of infrastructure | Current Status | Issues |
|-----------------|----------|-------------------------------|----------------|--------|
|                 |          |                               |                |        |

### Social/Community Status Table

(Social/Community includes: Towns, communities, age-groups, ethnic groups, employment types, etc – where relevant to the response/recovery. Do not repeat information contained in other status tables, but indicate Social/Community implications of other issues where appropriate.)

| District / Ward | Location | Name / Aspect of Community | Current Status | Issues |
|-----------------|----------|----------------------------|----------------|--------|
|                 |          |                            |                |        |
|                 |          |                            |                |        |
|                 |          |                            |                |        |

### Critical Resources Status Table

(Critical Resources include: equipment, personnel, information, supplies, etc, that are either critical to the current response/recovery or are likely to be come so in the near future, due to the situation escalating and/or the resource(s) being expended locally. These resources include those currently available and those not available but required for future response/recovery activities.)

| Type of Resource | Currently Available: | Required: | Why Critical? | Location of need | Issues |
|------------------|----------------------|-----------|---------------|------------------|--------|
|                  |                      |           |               |                  |        |

### **EOC/ECC Staffing Status Table**

(EOC/ECC Staffing includes all staff carrying out functions within the facility - host/lead agency and response organisation representatives and others.)

| <b>Current EOC/ECC Activation Level:</b> | <b>Activation Level within next 24 hours:</b> | <b>Longer term activation levels:</b> | <b>Shift System in place:</b> | <b>EOC/ECC Staff Gaps:</b> |
|--|---|---------------------------------------|-------------------------------|----------------------------|
|  |   |                                       |                               |                            |

| <b>Local EOC/ Area/Sector/ Welfare Activation:</b> | <b>Activation Level within next 24 hours:</b> | <b>Longer term activation levels:</b> | <b>Shift System in place:</b> | <b>Staff Gaps:</b> |
|--|---|---------------------------------------|-------------------------------|--------------------|
|  |   |                                       |                               |                    |

Telecommunications plan and organisation chart can be attached to SITREP and/or Action Plan.

### **External Data:**

### **Event Map(s):**

## **Official Information**

---

**From:** Louw, Katie  
**Sent:** Thursday, 16 February 2017 9:58 a.m.  
**To:** EOC Controller  
**Subject:** CCCEOCSitrep 2 - Port Hills Fires  
**Attachments:** CCCEOCSitrep 2 - Port Hills Fires.docx

## Situation Report

|                            |  |   |                  |
|----------------------------|--|---|------------------|
| <b>1. EOC/ECC</b>          |  |   |                  |
| 2. Situation as at: 4:45pm |  |   |                  |
| Function room              |  | Time Date:                                | 3. SITREP Number |
|                            |  | 4:45 pm 15 <sup>th</sup> February<br>2017 | # 2              |
| 4. Originator Record #     |  |   |                  |
| Vanessa Nuttal             |  |   |                  |

**5. Summary of Events**  
(What has happened? Note any critical issues and assumptions made. Attach map, drawing and or tables describing the event—if applicable.)

Information from CTOC as of 6pm

- Cashmere Rd is closed west of Kaiwara St to Kennedys Bush Rd.
- Worsleys Rd is closed from Cashmere Rd
- Hoon Hay Valley Rd is closed.
- Kennedys Bush Road is closed form the roundabout with Rock Hill Drive. This includes the southbound cycle track
- Worsleys Track from Worleys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road
- Early Valley Road is closed
- Holmes Road is closed.

Please stay well away from the area and off the roads so that emergency services personnel can do their job and keep people safe.

Please stay well away from the area and off the roads so that emergency services personnel can do their job and keep people safe.

6:05pm now declared a Local Emergency for both Selwyn and Christchurch.

PIM just set out a media release and updating Christchurch City Council webpages

Logistics sourcing Resources

Halswell Library now the evacuation point for the Westmorland

**6. Predicted Event Development** (Note how the situation is expected to evolve including weather and other factors or limitations should be noted)

**7. Action taken** (What are the partner agencies are doing now? What has been done since previous SITREP or Action Plan? What coordination issues arise from this, if any?)

|  |  |
|--|--|
|  |  |
|--|--|

**8. Recovery** (Outline current Recovery planning processes and Recovery activities. What further coordination is between Response + Recovery?)

|  |   |  |
|--|---|--|
| <b>9. Prepared by:</b><br>Vanessa Nuttall                                      | <b>Role:</b><br>Planning & Intelligence | <b>Time Date:</b><br>5:24pm Wednesday 15 <sup>th</sup> February 2017 |
| <b>10. Approved for release by Controller (Name):</b><br><br><b>Signature:</b> |   |  |

Feb 2017 ECS 12

### **Evacuations Table**

| Evacuated From:<br>(Location) | No.<br>Known | No.<br>Est' | Evacuated to:<br>(Location) | No. | Agencies Involved: | Remarks / Needs |
|-------------------------------|--------------|-------------|-----------------------------|-----|--------------------|-----------------|
|                               |              |             |                             |     |                    |                 |

### **Deaths / Injuries Table**

| Location | Injured      |             |                 | Deaths       |             |        |
|----------|--------------|-------------|-----------------|--------------|-------------|--------|
|          | No.<br>Known | No.<br>Est' | Nature + Causes | No.<br>Known | No.<br>Est' | Causes |
|          |              |             |                 |              |             |        |

### **Transport Routes Status Table**

| District / Ward | Location | Name of infrastructure | Reason for closure / restriction | Expected open/close date/time |
|-----------------|----------|------------------------|----------------------------------|-------------------------------|
|                 |          |                        |                                  |                               |

### **Infrastructure Status Table**

(Infrastructure includes public facilities, housing, etc, and Engineering Lifelines - other than transport routes)

| District / Ward | Location | Name / Type of infrastructure | Current Status | Issues |
|-----------------|----------|-------------------------------|----------------|--------|
|                 |          |                               |                |        |

### Social/Community Status Table

(Social/Community includes: Towns, communities, age-groups, ethnic groups, employment types, etc – where relevant to the response/recovery. Do not repeat information contained in other status tables, but indicate Social/Community implications of other issues where appropriate.)

| District / Ward | Location | Name / Aspect of Community | Current Status | Issues |
|-----------------|----------|----------------------------|----------------|--------|
|                 |          |                            |                |        |
|                 |          |                            |                |        |
|                 |          |                            |                |        |

### Critical Resources Status Table

(Critical Resources include: equipment, personnel, information, supplies, etc, that are either critical to the current response/recovery or are likely to be come so in the near future, due to the situation escalating and/or the resource(s) being expended locally. These resources include those currently available and those not available but required for future response/recovery activities.)

| Type of Resource | Currently Available | Required: | Why Critical? | Location of need | Issues |
|------------------|---------------------|-----------|---------------|------------------|--------|
|                  |                     |           |               |                  |        |

### **EOC/ECC Staffing Status Table**

(EOC/ECC Staffing includes all staff carrying out functions within the facility - host/lead agency and response organisation representatives and others.)

| <b>Current EOC/ECC Activation Level:</b> | <b>Activation Level within next 24 hours:</b> | <b>Longer term activation levels:</b> | <b>Shift System in place:</b> | <b>EOC/ECC Staff Gaps:</b> |
|--|---|---------------------------------------|-------------------------------|----------------------------|
|  |   |                                       |                               |                            |

| <b>Local EOC/Area/Sector/Welfare Activation:</b> | <b>Activation Level within next 24 hours:</b> | <b>Longer term activation levels:</b> | <b>Shift System in place:</b> | <b>Staff Gaps:</b> |
|--|---|---------------------------------------|-------------------------------|--------------------|
|  |   |                                       |                               |                    |

Telecommunications plan and organisation chart can be attached to SITREP and/or Action Plan.

### **External Data:**

### **Event Map(s):**

## **Official Information**

---

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 10:17 a.m.  
**To:** ██████████ EOC Controller  
**Subject:** urgent - sign off required.

### **Christchurch Civil Defence Update #12**

**Thursday 16 February 2017**

**Update on Port Hills Fire 10.30am**

#### **Port Hills fire - Multi agency update**

Emergency services have been out since first light fighting the huge Port Hills fire concentrating their efforts on three fronts at Worsleys Road, Early Valley Road and Governors Bay.

The fire, which started in Marleys Hills on Monday night has now spread over 1800 hectares on the Port Hills. Reports on the number of houses destroyed or damaged have varied overnight. Please understand that this is an unfolding situation, but the Fire Service has confirmed that definitely five houses have been lost – three in Worsleys Road and two in Hoon Hay Valley Road. Emergency services are preparing to continue their operations for at least over the weekend and say the immediate emphasis is on directing the huge fire away from people and property.

The New Zealand Fire Service says that today's firefighting effort included 15 helicopters and fixed wing aircraft, the maximum number that can safely be in the air at any one time, and ground firefighting crews from the New Zealand Fire Service, Department of Conservation, territorial authorities and volunteers.

Helicopters have been brought in from throughout the South Island and out of town fire service staff from both Nelson and Timaru and are boosting local resources. Twenty-one urban appliances are on the Summit Road, eight on Worsleys Road and 10 on Early Valley Road.

There are concerns about the short-term weather forecast with today's north-east wind today expected to further drive the fronts. It is hoped a south-west change predicted for tomorrow will lower temperatures and humidity, slowing the fire's progress.

There is a total fire ban in place in North and Canterbury. Fire Region Manager Steve Turek says it is important that there is no type of fire lit so fire resources can remain concentrated on the major fire.

Christchurch Police have dedicated 50 staff working around the clock on the operation. Police assisted by New Zealand Defence Force staff have managed the evacuation of residents in at-risk areas. 400 homes have been evacuated by police with hundreds of other residents choosing to self-evacuate.

No evacuations are underway at this time, but police warn the situation is extremely volatile and should the fire change direction, people may have to leave at short notice.

Superintendent John Price of Christchurch Police says patrols are also working around the clock in both areas at risk and those evacuation. "We are providing reassurance to residents about evacuation, but also to others that we are keeping a watchful eye on their property," he said.

Police are also checking on the safety of contractors working on the fire, logging everyone who goes into and out of the cordon.

The main message remains - the police are stressing that it is imperative that members of the public keep away from the hills. People "rubber-necking" are disrupting the emergency response and making it harder for police and fire services to do their jobs.

The New Zealand Defence Force had 36 staff working alongside emergency services last night and another 25 have joined the operation this morning.

Welfare and health agencies are on standby ready to step in at a moment's notice. Christchurch District Health Board reported no overnight admissions due to respiratory issues. St John had dealt with a number of minor issues.

#### **Welfare Centre - Te Hapua Halswell Centre and Nga Hau e Wha National Marae**

Around 11 evacuees are currently at the Te Hapua Halswell Centre. Catering is being provided with donations from the local supermarket assisting.

While the Welfare Centre has been set up in the community room at Te Hapua Halswell Centre, the facility's library and pool are operating as usual.

A welfare centre also remains open at Nga Hau e Wha National Marae on Pages Road. Welfare agencies will provide updates on how to access a range of services today.

The public are encouraged to follow official updates on the Christchurch City Council's Newsline website and social media, as well as other emergency services updates.

## Official Information

---

**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Thursday, 16 February 2017 10:31 a.m.  
**To:** EOC Controller  
**Subject:** FW: Media map 0700 fire boundary - for social media  
**Attachments:** Fire\_Management\_Programmme\_0700\_Media\_16\_Feb\_2017\_A3\_Land.pdf

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

DDI [REDACTED]  
Email [REDACTED]  
Web [REDACTED]

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154



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**From:** Phil Roberts [REDACTED]  
**Sent:** Thursday, 16 February 2017 10:25 a.m.  
**To:** Mackie, John  
**Subject:** Media map 0700 fire boundary - for social media

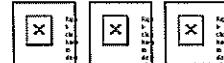
Hi, map from SDC – they're like us to share it on our social media pages...

---

Phil Roberts  
Communications Advisor  
Environment Canterbury



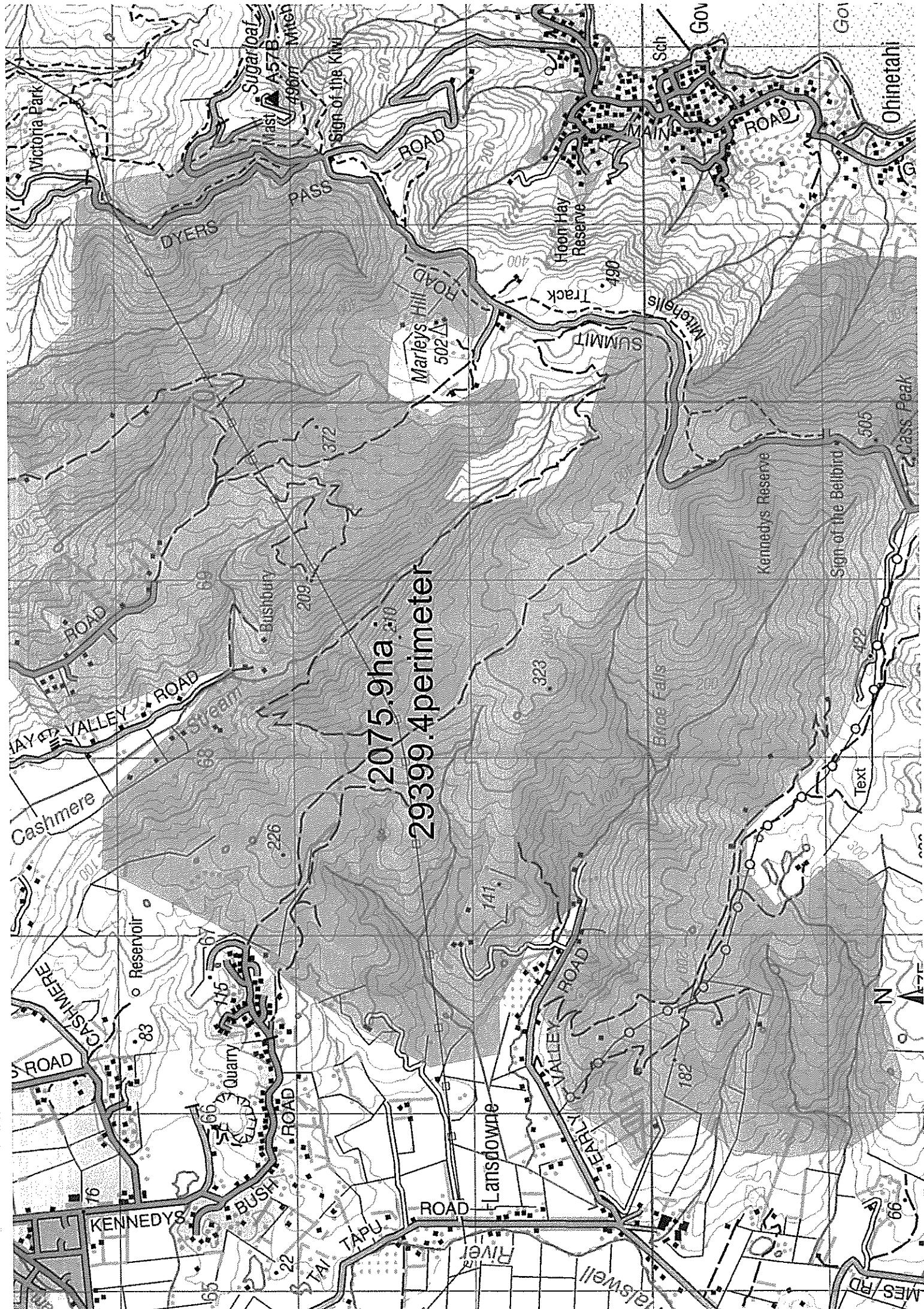
PO Box 345, Christchurch 8140  
**Customer Services:** 0800 324 636  
**Pollution Hotline:** 0800 76 55 88



Facilitating sustainable development in the Canterbury region

ecan.govt.nz

2075.9ha  
29399.4perimeter



## **Official Information**

---

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 11:14 a.m.  
**To:** EOC Controller  
**Subject:** FW: Additional info for public from SDC

**From:** Phil Roberts [REDACTED]  
**Sent:** Thursday, 16 February 2017 11:12 a.m.  
**To:** EOC Public Information Management; mclachs@gmail.com  
**Subject:** Additional info for public from SDC

Hi – here's some information from SDC that should be useful for your next update...

Thanks, Phil

**From:** Rachel Young  
**Sent:** Thursday, 16 February 2017 11:09 a.m.  
**To:** Phil Roberts <[REDACTED]>  
**Cc:** Elliot Sim <[REDACTED]>  
**Subject:** Additional info for public

### **Info**

#### **Quick updates:**

Main activity in the northern area of Port Hills, including Hoon Hay Valley Road, Dyers Pass Road and Worsley Road.

#### **APPROXIMATE *Fire deployment numbers***

26 rural fire crews with more than **200 personnel**

14 helicopters flying and 3 fixed wing aircraft

Fire Services has 40 crews with 45 pumps and tankers, and more than **130 firefighters** on the ground.

#### **Structure/home damaged**

13 structures have been lost in total: 11 houses and 2 sheds.

4 Worsleys Rd, 4 Hoon Hay Valley Rd, 1 house and 1 shed on Burkes Bush Rd, 2 houses and 1 shed on Early Valley Rd.

#### ***Fire ban:***

National Rural Fire Authority has put a total fire ban in place from South Canterbury to Hurunui.

#### ***Weather:***

Wind north-east direction leading to stable conditions.

***Lincoln Event Centre:*** Welfare Centre at Lincoln Events Centre now closed.

***Donations:*** Please don't ring any of the authorities to offer goods and services.

## Official Information

---

**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Thursday, 16 February 2017 11:40 a.m.  
**To:** EOC Controller  
**Subject:** FW: Port Hills fires...

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

DDI [REDACTED]  
Email [REDACTED]  
Web [REDACTED]

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154

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---

**From:** Mark Doyle (FRL) [REDACTED]  
**Sent:** Thursday, 16 February 2017 11:32 a.m.  
**To:** Mackie, John  
**Subject:** Port Hills fires...!

Hi John,  
Just wanted to say keep up the good work with the fire fight.  
I got our guys to drop in lots of bottled water, bread, biccies, bananas etc in to the emergency centre at Te Hapua this morning.

All the best!  
Mark

Mark Doyle  
Community and Stakeholder Manager

**Fletcher Living**

---

Unit 1, 585 Wairakei Road, Burnside, Christchurch 8053. PO Box 42 114, Addington, Christchurch 8149.  
[www.fletcherliving.co.nz](http://www.fletcherliving.co.nz)

This email is confidential and may be privileged. If this email is not intended for you do not use, read, distribute or copy it. Please contact the sender immediately and delete the original email and any attachments.  
Please consider the environment before printing. Fletcher Residential Limited

## Official Information

---

**From:** van Genugten, Marieke  
**Sent:** Thursday, 16 February 2017 1:00 p.m.  
**To:** EOC Controller  
**Subject:** FW: Interview for John Mackie

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste



**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154



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---

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 12:29 p.m.  
**To:** van Genugten, Marieke  
**Subject:** Interview for John Mackie

Hi Marieke,

When is John next free to take call from the media.

[REDACTED] from Associated Press wanted to speak to John regarding a situation update.

His number is [REDACTED]. Would he have any time to quickly call.

Let me know so we can tell the reporter a rough time.

Thanks,  
Kate (EOC media)

## **Official Information**

---

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 11:57 a.m.  
**Subject:** Christchurch Civil Defence Update #13, Thursday 16 February 2017, 11.45am

### **Christchurch Civil Defence Update #13**

**Thursday 16 February 2017**

#### **Update on Port Hills Fire 11.45am**

More than 130 firefighters are currently on the ground fighting the Port Hills fire.

The main activity is in the northern area of the Port Hills, including Hoon Hay Valley Road, Dyers Pass Road and Worsley Road.

The Fire Service has 40 crews with 45 pumps and tankers, and more than 130 firefighters on the ground. There are 26 rural fire crews with more than 200 personnel. Fourteen helicopters are in the air, along with three fixed wing aircraft

The situation is changing regarding property damage, but the latest report is that 11 houses and two sheds have been lost. Four of the houses are in Worsleys Road, four in Hoon Hay Valley Road, one house and one shed on Burkes Bush Road, and two houses and one shed on Early Valley Road.

#### **Evacuations**

Civil Defence is receiving inquiries from residents who have been evacuated about when they will be able to return to their homes. It is too soon to be able to answer this with any certainty. People are encouraged to monitor Civil Defence and Council web and social media channels for the latest updates. As soon as any information is available about when people can return we will ensure that it is widely publicised.

#### **Health update**

Canterbury DHB is reminding people to phone their GP team first if they experience any respiratory issues or concerns.

Dr Alistair Humphrey, Canterbury Medical Officer of Health, says for the vast majority of people, the smoke will be unpleasant, but carries no risk to their health.

People who have difficulty breathing, have a prolonged cough or tightness in their chest should make their own GP team their first call 24/7 for #carearoundtheclock.

Dr Humphrey is also encouraging people remember to look out for their neighbours, especially the elderly, or those with disabilities and make sure they're ok.

"Canterbury has been hit hard with its fair share of disasters in the last half decade, so many people will understandably be feeling overwhelmed and in shock. We all need to remember to look out for one another and take care of each other."

#### **Welfare update**

A huge thank you to all the residents, community groups and businesses of Christchurch and elsewhere who have offered their help, donations of food, water and accommodation to the emergency response. The fires have had a big impact on the people of Christchurch who have responded with kindness and care. It means a lot to those affected.

## **Official Information**

---

**From:** EOC Welfare  
**Sent:** Thursday, 16 February 2017 12:14 p.m.  
**To:** EOC Controller  
**Subject:** FW: Horses on Early Valley Road URGENT

**Importance:** High

For your urgent approval.

Please let us know when approval has been granted so we can pass the information onto the Police.

Thanks

---

**From:** EOC Welfare  
**Sent:** Thursday, 16 February 2017 11:50 a.m.  
**To:** EOC Operations  
**Subject:** FW: Horses on Early Valley Road URGENT  
**Importance:** High

Hi Again,

We really need the police to contact the SPCA to save these horses please urgent.

Thanks

---

**From:** EOC Welfare  
**Sent:** Thursday, 16 February 2017 9:56 a.m.  
**To:** EOC Operations  
**Subject:** FW: Horses on Early Valley Road

Hi.

Just had a message from the Welfare Manager. There are horses in Early Valley Road. SPCA are coordinating the response but need access. Could you please arrange for a police escort.

Details are below.

Thanks

---

**From:** Vincent, Mark  
**Sent:** Thursday, 16 February 2017 8:40 a.m.  
**To:** EOC Welfare  
**Subject:** RE: Horses on Early Valley Road

Hey Mate

Kind Regards

Customer Services Representative  
Customer Services Unit

DDI

Fax

<< OLE Object: Picture (Device Independent Bitmap) >>

SPCA are coordinating the recovery of these horses, not CCC. If they can get assess with Police/CDEM approval.

Can they get that approval???

---

---

---

---

---

**From:** EOC Welfare  
**Sent:** Thursday, 16 February 2017 8:22 a.m.  
**To:** Vincent, Mark  
**Subject:** FW: Horses on Early Valley Road

Hi Mark

I will give you a call mate.

Matt

---

**From:** Stewart, Hayley  
**Sent:** Thursday, 16 February 2017 8:19 a.m.  
**To:** EOC Welfare  
**Subject:** Horses on Early Valley Road

Hi Cindy,

Thanks for helping,

SPCA person is [REDACTED]. It is 2 horses and 1 pony, in the field opposite 4 Early Valley Road.

## Official Information

---

**From:** Mackie, John  
**Sent:** Thursday, 16 February 2017 1:18 p.m.  
**To:** EOC Controller  
**Subject:** Fwd: Fire Fighting and Smoke Suppression

Sent from John's mobile.

Begin forwarded message:

**From:** Scott Reid <[REDACTED]>  
**Date:** 16 February 2017 at 7:12:33 AM NZDT  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** Fire Fighting and Smoke Suppression

Good Morning John

As discussed with Lily, please see the information below regarding Marine 3 Fire, which has Ecan & EPA approval for use anywhere and anytime.

### Fire Fighting and Smoke Suppression

#### CUTTING EDGE TECHNOLOGY

Marine 3 Fire (M3F) is an anionic surfactant that neutralises the magnetic charges of particles of water in a natural way thereby reducing surface and interfacial tension. M3F is added to water at 1 litre per 10,000.

#### THE EFFECT OF SURFACE AND INTERFACIAL TENSION

Water is not optimally suited for firefighting due to its lack of wetting and emulsification properties.

- The water surface tension prevents and limits the integration of oil-based material and dusts into water.
- Fine dust, carbon and oil-based materials continue to float on the water surface due to normal surface tension
- Application of more untreated water will just sink to the bottom and materials will continue to float on the water surface
- On combustion, the materials will continue to burn whilst floating, even when more water is added

When material is burning, a carbon surface is formed. This carbon layer reduces water penetration which creates the conditions for re-combustion

#### Performance of M3F

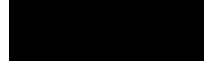
The efficiency of M3F in reducing the effects of surface and interfacial tension was demonstrated in a test.

- In the test with untreated water, it took approximately 3 000 litres of water and roughly ten minutes to extinguish a fire of tires.
- The M3F treated water extinguished the fire in 28 seconds using only 250 litres of water.

If you require any further information, please do not hesitate to contact me

Thank you

Regards  
Scott Reid  
Hazard Brothers Ltd



## Official Information

---

**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Thursday, 16 February 2017 3:11 p.m.  
**To:** EOC Controller  
**Subject:** FW: Update - Port Hills fire road closures

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

DDI [REDACTED]  
Email [REDACTED]  
Web [REDACTED]

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154

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**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 2:23 p.m.  
**Subject:** Update - Port Hills fire road closures

### Christchurch Civil Defence Port Hills Fire Update #14

**Thursday 16 February 2017 2.15am**

#### Road closures

The following roads are currently closed because of the Port Hills fire.

Please stay well away from these roads, so that emergency services can do their job and keep people safe.

- Cashmere Rd is closed at Hendersons Rd
- Cashmere Rd is closed at Kaiwara St
- Worsleys Rd is closed at Cashmere Rd
- Hoon Hay Valley Rd is closed at Cashmere Rd
- Kennedys Bush Road is closed at Cashmere Rd
- Sutherland Road is closed at Cashmere Rd
- Penruddock Rse is closed at Cashmere Rd
- Worsleys Track from Worleys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.

- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road
- Early Valley Road is closed at Old Tai Tapu Rd
- Holmes Road is closed at Old Tai Tapu Rd.

## Official Information

---

**From:** Ritchie, Jocelyn  
**Sent:** Thursday, 16 February 2017 4:15 p.m.  
**To:** EOC Controller  
**Subject:** Fwd: Interview confirmation - AM Show - John Mackie - Fri 17/2

Sent from my iPhone

Begin forwarded message:

**From:** Kasey Trombley <[REDACTED]>  
**Date:** 16 February 2017 at 4:11:13 PM NZDT  
**To:** "Ritchie, Jocelyn" [REDACTED]  
**Cc:** Henry McMullan <[REDACTED]>, #DL-AMShow-Producers [REDACTED], Mark Graham [REDACTED], Alice Wilkins [REDACTED]  
**Subject: Interview confirmation - AM Show - John Mackie - Fri 17/2**

Hi Joss,

Thanks again for your help on this manic day. Confirming John's interview with Duncan Garner tomorrow morning at 0710. All the details below.

[x] **Who:** John Mackie - Christchurch Civil Defence Controller - c/o Jocelyn **027 241 244**  
[x] **What:** Live chat with Duncan Garner  
[x] **When:** 0710 on-air  
[x] **Where:** Civic offices, 53 Hereford Street (entrance off Worcester the easiest)  
[x] **Contact:** Camera operator Henry McMullan [REDACTED]

Thanks,  
Kasey

Attention:  
The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender, and delete the material from any system and destroy any copies.  
Thank you.

## Official Information

---

**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Thursday, 16 February 2017 5:54 p.m.  
**To:** EOC Controller  
**Subject:** FW: Map of fire area and exclusion zone  
**Attachments:** Port Hills Fire and Restricted Area.jpg

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

DDI [REDACTED]  
Email [REDACTED]  
Web [REDACTED]

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154

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**From:** Pringle, Ross  
**Sent:** Thursday, 16 February 2017 5:52 p.m.  
**Subject:** FW: Map of fire area and exclusion zone

Good evening,

Please share the below information and link to the map showing the fire zone and an area people are being asked to avoid unless absolutely necessary.

Regards  
Ross

Public Information team  
Civil Defence EOC

Civil Defence is recommending no recreational activities, such as camping, cycling or picnics, take place within the yellow line on this map until further notice.

<http://ecan.maps.arcgis.com/apps/webappviewer/index.html?id=89c7aed3a05b4e68abde83ffca8c2025>

The yellow line boundary, which was modelled on the current fire situation and weather forecasts, shows where further fire spread and smoke could pose a risk and cause health concerns.

It is important for non-residents to stay away from the marked area to allow access for emergency services who are working in this area.

Visit the CDHB Facebook page for information on smoke inhalation:

<https://www.facebook.com/CanterburyHealthSystem/?fref=ts>

Residents that live within the zone who have not already been evacuated are not affected. If further evacuations are required, then a formal evacuation will take place. If you feel unsafe or worried you are advised to self-evacuate.

Hornby

Sou

Welliam

Saint Opana,  
Martins

Hillborough  
Hut Isbuy

Somfield

Spredon

Hillmorton

Hornhay

Oaklands

Halswell

Gashmere

Cractoff

Heathcote Valley

Redcliffs

Mount Pleasant

Diamond Harbour



## Official Information

---

**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Thursday, 16 February 2017 5:55 p.m.  
**To:** EOC Controller  
**Subject:** FW: CHECK AND ADD INFO polar star

**Importance:** High

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

DDI [REDACTED]  
Email [REDACTED]  
Web [REDACTED]

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154



Please consider the environment before printing this email

---

**From:** Tania Butterfield [mailto:[REDACTED]]  
**Sent:** Thursday, 16 February 2017 5:52 p.m.  
**To:** Mackie, John  
**Subject:** CHECK AND ADD INFO polar star  
**Importance:** High

Sixty crew members of the United States Coast Guard heavy icebreaker USCGC Polar Star have joined police and the New Zealand Defence Force to provide security to homes in the evacuated areas.

The ship was in Lyttelton for...

Christchurch Civil Defence controller John Mackie welcomed the assistance and said the crew will be based around the 14 cordons with police and NZDF to provide security and assurance to residents who have been evacuated.

## Official Information

---

**From:** Tania Butterfield [REDACTED]  
**Sent:** Thursday, 16 February 2017 6:21 p.m.  
**To:** EOC Controller  
**Subject:** FW: Possible Interview

**From:** Dale Drinkwater [REDACTED]  
**Sent:** Thursday, 16 February 2017 6:06 PM  
**To:** Tania Butterfield [REDACTED]  
**Subject:** Possible Interview

Hi Tania,

As discussed, who would be the controller at 8pm your time for a possible phone interview with ABC News 24?

Dale.

Dale Drinkwater  
Planning Producer, ABC News 24



Please consider the environment before printing this e-mail.

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## Official Information

---

**From:** Tania Butterfield <[REDACTED]>  
**Sent:** Thursday, 16 February 2017 7:51 p.m.  
**To:** EOC Controller  
**Subject:** Newshub Interview

Hi There,

Jacob Brown from Newshub would like to get someone to speak to the latest update for the late news. He will come here at about 8:45pm to film. I will print off the speaking notes for you to have a look through.

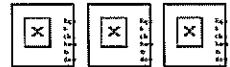
Thanks,  
Tania

---

**Tania Butterfield**  
Communications Advisor  
Environment Canterbury



PO Box 345, Christchurch 8140  
**Customer Services:** 0800 324 636  
**Pollution Hotline:** 0800 76 55 88



*Facilitating sustainable development in the Canterbury region*

[ecan.govt.nz](http://ecan.govt.nz)

7.45 pm briefing; quick round table

Police: Simon

Jeanelle: Response Manager

Defence Force

Brent: P&I

Gary: Welfare

Ross: PIMs

Sue: Logistics

Dave: controller

Do think we will be as busy as last night, we do need to support people in the field.

Looking to be here for the long haul. May not take cordons off till after Saturday but this is yet to be confirmed. Damping down hot spots etc.

Not sure what the weather forecasts is looking like at present.

If we wind back then it is on the understanding that they will still be on call if something flares up.

Expecting stable weather overnight. Big containment lines have been dug through paddocks which have helped.

What large events do we have on this weekend. PIMs team to look at this.

Bruce concert and memorial next week. Lantern festival over the weekend.

Cordons: are the cordons going to shrink. So many mixed messages, very confusing. Police has asked that if the cordon was reduced then it would be easier to manage. The Press have already asked for a comment from Dave. Cordons are going to be managed in a robust way to ensure property and life is safe. Cordon reduction plan to perhaps be put in place.

We need a cordon plan and list who has responsibility for actions – reducing the cordon etc. how do we manage 1 off access, re help with stock.

Jeanelle will work on this tonight.

Re evaluate your teams, skeleton crew tonight.

Logistics, welfare going to have 1 person on shift.

P&I looking to be back on shift at 7am.

PIMs staff are the busiest.

20 people at the welfare centre. Media on site but have kept them out the building. PIM have offered to send someone out.

Not sure if Police on call all night.

Livestock: a few request with help to get them out.

PIMs: overnight we put out a number of small updates which can continue tonight if required.

## Official Information

**From:** Tania Butterfield [REDACTED]  
**Sent:** Thursday, 16 February 2017 9:55 p.m.  
**To:** EOC Controller  
**Subject:** FW: DRAFT STATEMENT re misinformation for checking

**From:** THOMAS, Gareth [REDACTED]  
**Sent:** Thursday, 16 February 2017 9:24 PM  
**To:** Tania Butterfield [REDACTED]  
**Cc:** Stephen Hill [REDACTED]  
**Subject:** Re: DRAFT STATEMENT re misinformation for checking

Looks good, team. So long as you're prepared for the obvious question: who gave you the figure?

My response would be: there are multiple agencies involved, sharing and inputting information in a fluid and dynamic situation.

But like Stephen says, over to you as the lead. Thanks. Gareth

Gareth Thomas  
Senior Media Advisor| New Zealand Police Media Centre  
[REDACTED]

On 16/02/2017, at 9:17 PM, Tania Butterfield <[REDACTED]> wrote:

Sounds good! Thanks for that!

**From:** Stephen Hill [REDACTED]  
**Sent:** Thursday, 16 February 2017 9:07 PM  
**To:** Tania Butterfield <[REDACTED]>  
**Subject:** RE: DRAFT STATEMENT re misinformation for checking

Can we change the line highlighted. I'd prefer to tone back the "sincerely apologise" – but your call.

Stephen Hill  
Business Relationship Manager  
Selwyn District Council  
[REDACTED]

**From:** Tania Butterfield [REDACTED]  
**Sent:** Thursday, 16 February 2017 8:58 p.m.  
**To:** Stephen Hill <[REDACTED]>  
**Subject:** DRAFT STATEMENT re misinformation for checking

Hi Guys,

Here is a draft statement re. the misinformation about homes damaged.  
Have a read and make any amendments you think should be included/changed etc.

Thanks!

Tania

We sincerely regret any distress caused by the misinformation that 40 homes had been damaged by the fire last night. This was a fast-paced environment with information constantly streaming in and facts ever changing. Unfortunately, this was a situation where we were given a figure about the number of homes damaged by the blaze and in our efforts to get information out to the public as soon as possible, this figure was released without verification. Soon after, someone picked up on the mistake, and went back to verify that number. As soon as that happened and we confirmed the actual number of homes damaged, we released an amendment. We truly apologise for this mistake and have already made changes to our processes to make sure this type of information is carefully verified. There will not be an investigation specifically dedicated to this incident, but rather it will be covered as part of a debrief on all aspects of communication and how we can improve our processes in the future.

**From:** EOC Public Information Management [mailto:[eoc.pim@ccc.govt.nz](mailto:eoc.pim@ccc.govt.nz)]

**Sent:** Thursday, 16 February 2017 7:01 PM

**To:** Tania Butterfield [REDACTED]

**Subject:** FW: re: NZ Herald request - Christchurch fires

Hi Tania,

As discussed, if you could work with police on an approved consistent answer to this, that would be great.

Cheers

Ross

**From:** Rachel Young [REDACTED]

**Sent:** Thursday, 16 February 2017 6:49 p.m.

**To:** EOC Public Information Management

**Subject:** FW: re: NZ Herald request - Christchurch fires

**From:** Stephen Hill [REDACTED]

**Sent:** Thursday, 16 February 2017 6:48 p.m.

**To:** Rachel Young [REDACTED]

**Subject:** FW: re: NZ Herald request - Christchurch fires

Rachel

I've spoken to Gareth at Police and we agree a single point of response, from CD, would be preferable. Would be good for CCC to liaise with Police. Thanks.

**Stephen Hill**  
Business Relationship Manager  
Selwyn District Council  
[REDACTED]

Email: [REDACTED]

**From:** THOMAS, Gareth [REDACTED]  
**Sent:** Thursday, 16 February 2017 6:42 p.m.  
**To:** Stephen Hill [REDACTED]  
**Subject:** FW: re: NZ Herald request - Christchurch fires

Hi Stephen,

As discussed.

Thanks – Gareth

Gareth Thomas  
<image001.jpg> Senior Media Advisor | New Zealand Police Media Centre

Hi Jillian,

Apologies for coming back to you about this.

However, we've been in touch with the Christchurch City Council / Civil Defence teams and they've said the report about 30 to 40 homes being destroyed last night came from police. The Selwyn District Council's principal fire officer, Douglas Marshall, also said last night that figure did not come from their fire crews, but from police looking after the evacuation operation in the region.

Is there any chance police would like to comment about this – and say where the figure came from, now?

Any help would be much appreciated.

Cheers,  
Moana.

Timuiaipaepaetele Vaimoana Tapaleao  
NZ Herald  
Journalist  
Pasifika Affairs/ People/ General News

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## Official Information

---

**From:** Louw, Katie  
**Sent:** Thursday, 16 February 2017 3:37 p.m.  
**To:** EOC Controller  
**Subject:** FW: Port Hills Fire Sitrep 002  
**Attachments:** Port Hills Fire Christchurch Sitrep 002.docx

**From:** Smith, Rodger [REDACTED]  
**Sent:** Thursday, 16 February 2017 3:11 p.m.  
**To:** EOC Logistics  
**Subject:** FW: Port Hills Fire Sitrep 002

Please print a copy of attachment for NZFS liaison officer.

Regards

**"Everyone Goes Home!"**  
Building an engaged Safety, Health and Wellbeing Culture



Rodger Smith  
Assistant Area Manager – Area 24/25

---

New Zealand Fire Service

[REDACTED]  
Area 24 Office, 85 Castle St, Dunedin 9016  
PO Box 341, Dunedin 9054

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Te Manatū o ngā ratonga ohotata kia haumaru ake ai a Aotearoa | Leading integrated fire and emergency services for a safer New Zealand

**From:** rcc.christchurch  
**Sent:** Thursday, 16 February 2017 3:01 PM  
**To:** NCC Receiving E-mail <[REDACTED]>

[REDACTED]  
**Subject:** Port Hills Fire Sitrep 002

Good afternoon  
Please find attached Sitrep 002 Port Hills Fire Christchurch.

Regards Rachel



# Situation Report (SITREP)

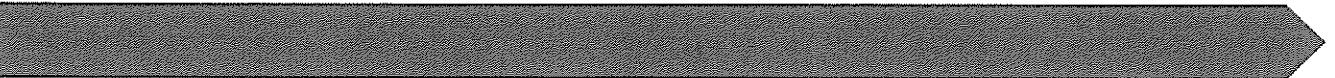
|                    |  |
|--------------------|--|
| EVENT NAME         | PORT HILLS FIRE CHRISTCHURCH 14 FEBRUARY 2014                |
| Sit-Rep number     | 002  |
| Date of issue      | 16/02/2017   |
| Time of issue      | 1430HRS  |
| Operational period | 0800-1600  |
| Developed by       | Rachel Butler – Intel Approved by AC Mark Boere              |
| Location           | Selwyn Emergency Operations Centre – Selwyn District Council |
| Contact number     | [REDACTED]   |
| Email              | [REDACTED]   |

G – Ground, S – Situation, M – Mission, E – Execution, A – Administration, C - Command and Comms

| Ground     |   |
|------------|---|
| Definition | Ground is the location and environment, at which the event is taking place, Includes briefing and any specific environmental /cultural issues that maybe encountered  |
| Brief      | This should include a full description of: <ul style="list-style-type: none"><li>• Port Hill Fires Christchurch/Selwyn</li><li>• State of Emergency declared 15/2/16 Christchurch and Selwyn District Councils.</li></ul> |

| SITUATION  |  |
|------------|--|
| Definition | Situation is a brief description of the status of the event right now; things like known incidents, weather conditions, inbound resources, other agency involvement and any considerations that might affect what you have to do. An impact statement should be included here when relevant. |
| Brief      | 16 February 2017 @ 1430<br>Update from AAC Greg Crawford from Worsley Command  |

|  |  |
|--|--|
|  | <p>Creating positive fire block actively pushing the fire towards the summit and pushing back through to the Adventure Park and on towards Dyers Pass Road. Whole area is ringed.</p> <p>5 4x4 Unimog Defence vehicles providing suppression work and asset protection. Things are looking positive.</p> <p>Transpower are wanting to do a fly over but due to air restrictions, this will not be possible.</p> <p>Canterbury Communications are accessing Marley Hills if safe to do so, to refuel generators at Marleys Hill. Procedures in place to check in and out at the DOC Command Unit at PMH. Will be able to get up to Victoria Park then Phil Crutchley will advise if safe to proceed up to Marleys Hill. Staff will need to check back out at PMH.</p> |
|  | <p>Update from AAC Craig Geddes at Hoon Hay Valley Rd</p> <p>Pulling back resources and deploying LINC411, KAIA401, LITT4711 to Worsleys Command. Still have KIRW7211, SOUT4511, DARF691, SUMN281 and Air Fire 5, 3 Higgins tanker and Evergreen landcare tanker. Resting crews and have been fed.</p> <p>One runaway fire on the west flank, being controlled by Air Ops. Properties have been visited and there is some fire behaviour at the rear and once air ops gives clearance this dealt with by ground crews. (Sumner and Darfield crews.)</p>  |
|  | <p>Update from Early Valley Command – TIMA8018</p> <p>Liaison as required and most command and control is being undertaken by Selwyn ICP. Heli landing zone and filling point being maintained. Air attack only.</p>   |
|  | <p>Update from Governors Bay – CFO Andrew Norris</p> <p>Multiple crews in action to strengthen the perimeter, fire is in a forestry block. Two helicopters, 30 staff and currently reassessing and planning forward. No further resources are currently required.</p>  |
|  | <p>Update from AC Dave Stackhouse</p> <p>Confirmed that Cracroft House Sign of the Kiwi and Sign of the Takahe are all ok. Containment lines are being established at Worsleys.</p>  |
|  | <p>Weather – stable northeasterlies today increasing in intensity tomorrow but also increasing relative humidity and possible rain pm and Saturday.</p> <p>Key Concerns, east of Dyers Pass Rd southern flank and Marleys Hill down to Governors Bay dependant on weather conditions.</p> <p>Safety and Wellbeing – fire fighter fatigue is being monitored.</p>   |



|                                  |  |
|----------------------------------|--|
|                                  | <p>Handover briefing will be between 2030 tonight at the Selwyn EOC.</p> <p>Won't be able to indicate until tonight of percentage of perimeter contained.</p>  |
| <b>Port Hills Complex Sitrep</b> |  |
|                                  | <p><b>6. Assessment</b></p> <p>The Port Hill fires have now merged into one, with significant development during the afternoon and evening yesterday. Estimated area of the fire is now in excess of 2000ha and is now not actively growing in any significant way. Fire has crossed Dyers Pass Road below Sign of the Kiwi into Victoria Park. It has also spread to within close proximity of the dense residential housing of Westmoreland.</p> <p>Indications are that there have been a significant number of properties affected.</p> <p>13 structures, including 11 houses and 2 large sheds have been destroyed.</p> <p>Weather at Worsley Spur at 12:00 17.7 degree, 63% RH and average wind 18km/hr.</p> |

|  |   |
|--|---|
|  | <p><b>7. Action taken</b></p> <p>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.</p> <p>Works during the morning has focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews currently working.</p> <p>A number of evacuations were undertaken as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads. Many other households have self-evacuated. Actual number of people affected is unknown.</p> <p>Road closures have been extended.</p> <p>Welfare Centres are open at Halswell Library and Lincoln Event Centre and are being managed by Civil Defence.</p> <p>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17<sup>th</sup> February.</p> <p>Power authorities are working to maintain service.</p> |
|  | <p><b>8. Factors</b></p> <p>Key factors are</p> <ul style="list-style-type: none"> <li>• Smoke reducing visibility</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Continued significant resource commitment in terms of personnel and equipment</li> <li>• Limited water supplies close to the fire ground are being exhausted.</li> <li>• Damage to power infrastructure</li> <li>• Heavy traffic volumes with bystanders</li> </ul>   |
|  | <p><b>9. Predicted Incident Development</b></p> <p>Weather conditions are expected to result in more predictable fire conditions with a building NE wind and a relatively high RH. Potential for fires to continue to spread towards residential properties in Dyers Pass area still exist. Areas of concern are therefore land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.</p> <p>Incident Management Team is being escalated to support this complex, with support from multiple agencies.</p> <p>• 16 February 2017 @ 1030 HRS</p> <p>CHRI2118 @0918 located at Worsleys Rd "Worsleys Command" AAC Greg Crawford is IC aggressively forcing through firebreak. Asset protection using multiple pumps tankers and earth moving machinery.</p> <p>TIMA8018 Early Valley Command located at Old Tai Tapu Rd ICP, currently working alongside Selwyn DC ICP as liaison.</p>   |

|  |  |
|--|--|
|  | <p>Governors Bay Fire Brigade member Annabel Bain has been treated and transported by Ambulance, status 4, mental and physical exhaustion. Treated as First Response by Governors Bay VFB.</p> <p>AC Dave Stackhouse, estimate up to 30 properties in Worseys Rd have been damaged and will be returning to Penrudduck rise and Hoon Hay Rd to estimate the further damage later on today. Working with ground crews and heavy machinery. NZFS are working with Rural Fire in this sector.</p> <p>@1115 Worsey Rd Command update, still dampening down and currently working with heavy equipment and creating extensive breaks.</p> <p>@1115 Hoon Hay Valley Rd – AAC Craig Geddes OIC.</p> <p>@1115 Early Valley Rd – AAC Steven Greenyer</p> <p>Still concerns over the weather and wind change forecast. Easterlies expected this afternoon 38 kmph @ around 1600 hrs. High of 21 degrees.</p> <p>All volunteer crews have been relieved by their respective brigades with relief crews. Blanket page was sent to CFOs.</p> <p>Pump coverage in Christchurch City is excellent, there are some areas in Selwyn with tanker coverage but not significant.</p> <p>Current workload in Comcen is quiet.</p> <p>Comcen are assisting with staffing the EOC to assist RCC staff. Planning continuing on for tonight until midnight – for the next 2 days.</p> <p>Task force enroute from Dunedin and will plan to stay for at least 48 hrs.</p> <p>Police advise that the Eagle Helicopter will come down from Auckland tonight and fly the incident area once helicopters operations have ceased tonight.</p> <p>Affected Population Based on 2013 census data:</p> <p>Current wind direction is E or NE</p> <ul style="list-style-type: none"> <li>a. Kennedys Bush – 228 Homes – 651 People</li> <li>b. Westmorland AU – 660 homes – 1836 People</li> <li>c. Lansdowne Area (Meshblocks 2485900 and 2486600) – 129 homes - 363 People.</li> <li>d. <b>Total – 1017 homes – 2850 people.</b></li> </ul> <p>If the wind direction changes to S, W or NW the following could also be affected in the near future.</p> <ul style="list-style-type: none"> <li>e. Governors Bay AU – 333 homes – 870 People</li> <li>f. Governors Bay Road (Meshblock 2711400) – 72 homes – 192 People.</li> <li>g. Cashmere West AU – 1113 homes – 3078 People</li> <li>h. Cashmere East AU – 1371 homes – 3756 People</li> <li>i. Rapaki Track AU – 513 homes – 9267 People</li> <li>j. <b>Total – 3402 homes, 12117 People.</b></li> </ul> |
|--|--|

|  |   |
|--|---|
|  | <b>Dunedin RCC has activated monitoring mode @ 0830 hrsWed 16/2</b> |
|--|---|

| <b>MISSION</b>    |  |
|-------------------|--|
| <b>Definition</b> | Mission is what needs to be accomplished. It should list the mission for the coordination center as well as a statement of 'Response Coordinators intent'.<br><br>The mission statement should give basic specific information. Someone reading it should be able to answer <i>who, what, when, where</i> and <i>why</i> . |
| <b>Brief</b>      | <ul style="list-style-type: none"> <li>• To protect life by ensuring safety of all personnel and the public.</li> <li>• Provide asset protection to all identified values where it is safe to do so.</li> <li>• Contain control and extinguish the fire with minimum disruption to the community.</li> </ul>               |

| <b>EXECUTION</b>  |  |
|-------------------|--|
| <b>Definition</b> | Execution is hoordination center is going to accomplish the mission. It includes information on how you're getting there, what you'll do when you get there, any subtasks that will need to be given out, etc. |

|              |   |
|--------------|---|
| <b>Brief</b> | Continue liaison with operational crews , incident commanders, Selwyn EOC , Rural Fire and DOC. |
|              |   |

### ADMIN & LOGS

|                   |   |
|-------------------|---|
| <b>Definition</b> | Administration and Logistics (deals with the support needed to accomplish the mission. Things like: food, transportation, equipment and so on.  |
| <b>Brief</b>      | <ul style="list-style-type: none"> <li>• Two Dunedin paid crews are responding up to Christchurch at present to provide relief.</li> <li>• 4 executives are responding from Region 3 arriving into Christchurch this afternoon, NCC have arranged accommodation and car hire.</li> <li>• Resourcing needs have been ascertained via CFO's of surrounding brigades for relief availability.</li> </ul> |

### COMMAND & COMMUNICATION

|                   |  |
|-------------------|--|
| <b>Definition</b> | Command and Communication covers how you're going to communicate<br>Includes command structures, communication plans, call-signs, meeting schedule etc |
|-------------------|--|

|              |   |
|--------------|---|
| <b>Brief</b> | <p><b>Command</b></p> <p>Information on the command structure should be provided, this should include:</p> <ul style="list-style-type: none"> <li>• Fire region Commander – Steve Turek</li> <li>• AC Dave Stackhouse – Fire IOC</li> <li>• AC Mark Boere – Fire Liaison Selwyn EOC /RCC</li> <li>• AAC Greg Crawford – Worlsey Command</li> <li>• AAC Steven Greenyer – Hoon Hay Valley Rd</li> <li>• Telephone , WIFI Router set up in EOC, USAR will supply WIFI cache as back up due to load on the Selwyn DC.</li> <li>• Team Management within the Coordination Centre<br/>AC Mark Boere – Fire Service Liaison / Response Coordinator<br/>Brent Dunn – Communication Centre Operations<br/>Rachel Butler – Planning and Intel<br/>Emma Hay – Facility Support<br/>Karen Geary – Facility Support</li> </ul> <p><b>Communications</b></p> <p><b>*** Ongoing connectivity issues *****</b></p> <p>Include contact information for Coordination Centre, NZFS IMTs/Command Teams and Other Agencies being supported by Centre.</p> <ul style="list-style-type: none"> <li>• Rcc.christchurch@fire.org.nz</li> <li>• RCC Selwyn EOC contact [REDACTED]</li> </ul> <p>Next Selwyn EOC debrief is at 1200 hrs</p> |
|--------------|---|

## RELEVANT DOCUMENTS (optional additions)

|                     |                      |
|---------------------|----------------------|
| <b>Attachment 1</b> | Available Executives |
| <b>Attachment 2</b> | Contacts List        |
| <b>Attachment 3</b> |                      |
| <b>Attachment 4</b> |                      |

**Time of next briefing**

1200 Selwyn EOC

Mark Boere  
Shaw

Selwyn EOC

Alternative contact: Katie

Des Irving  
Tuck

Selwyn EOC

Alternative contact: Bev

- please note G Daikee on call Nelson/Tasman/West Coast Areas

Dave Stackhouse  
McNicol

Alternative contact: Rhonda

Greg Crawford  
McNicol

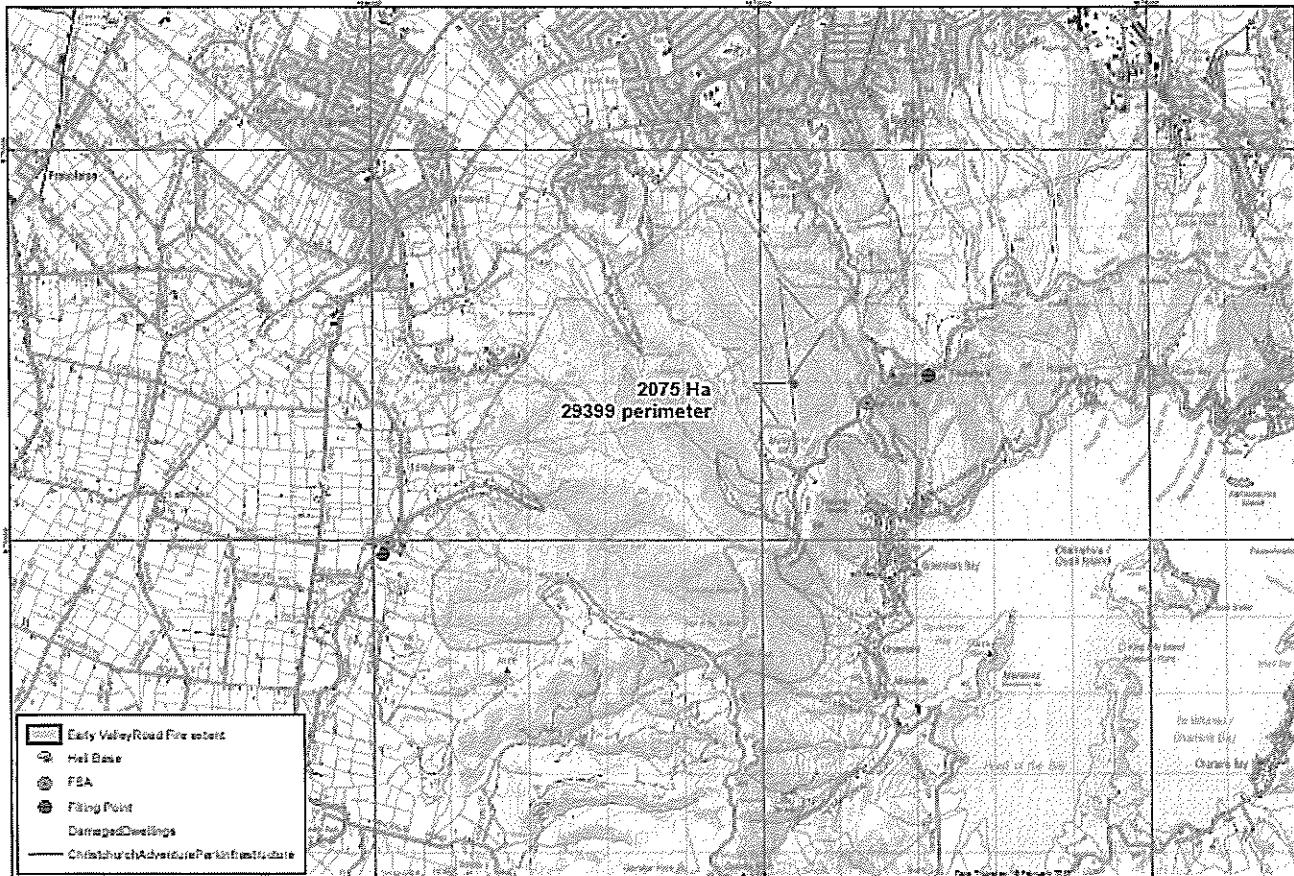
Alternative contact: Rhonda

Steve Greenyer  
Stowell  
Area

Selwyn EOC 027 4981732

Alternative contact: Joan

- please note M Bennet is on call for South Canterbury



Port Hills Complex Fire 16th Feb 2017

Please note pages 10-15 are blank

## Official Information

---

**From:** Louw, Katie  
**Sent:** Thursday, 16 February 2017 3:45 p.m.  
**To:** Smith, Rodger  
**Cc:** EOC Controller  
**Subject:** RE: Port Hills Fire Sitrep 002

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Flagged

Hi Rodger,

Could you please ensure that our EOC Controller is included on these email updates going forward? I have sent Sitrep 1 & 2 through to John.

Thank you,  
Katie

Katharine Louw  
Personal Assistant to Alicia Palmer  
Head of CDFM & Rural Fire

Christchurch City Council  
Level 6, 53 Hereford Street, Christchurch 8011  
PO Box 73016, Christchurch, 8154

**From:** Smith, Rodger [mailto:  
**Sent:** Thursday, 16 February 2017 3:11 p.m.  
**To:** EOC Logistics  
**Subject:** FW: Port Hills Fire Sitrep 002

Please print a copy of attachment for NZFS liaison officer.

Regards

**"Everyone Goes Home!"**  
Building an engaged Safety, Health and Wellbeing Culture



Rodger Smith  
Assistant Area Manager – Area 24/25

New Zealand Fire Service

Area 24 Office, 85 Castle St, Dunedin 9016  
PO Box 341, Dunedin 9054

**From:** rcc.christchurch

**Sent:** Thursday, 16 February 2017 3:01 PM

**To:** NCC Receiving E-mail [REDACTED]

**Subject:** Port Hills Fire Sitrep 002

Good afternoon

Please find attached Sitrep 002 Port Hills Fire Christchurch.

Regards Rachel

**NOTE:** This is a generic email account used by all personnel in the coordination centre. If you reply or email please include in the subject line the role which the email is intended.

Regards



Rachel Butler Selwyn EOC  
NZ Fire Service Coordination Centre - Christchurch

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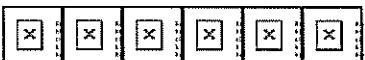
**New Zealand Fire Service**

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Region 4, 91 Chester St East, Christchurch  
PO Box 13-747, Christchurch 8141

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Te Manatū o ngā ratonga ohotata kia haumaru ake ai a Aotearoa | Leading integrated fire and emergency services for a safer New Zealand



Leading integrated fire and emergency services for a safer New Zealand ?Te Manatu o nga ratonga ohotata kia haumaru ake ai a Aotearoa

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# Situation Report (SITREP)

|                    |  |
|--------------------|--|
| EVENT NAME         | PORT HILLS FIRE CHRISTCHURCH 14 FEBRUARY 2014                |
| Sit-Rep number     | 001  |
| Date of issue      | 16/02/2017   |
| Time of issue      | 1000HRS  |
| Operational period | 0930 - 1230  |
| Developed by       | Rachel Butler – Intel Approved by AC Mark Boere              |
| Location           | Selwyn Emergency Operations Centre – Selwyn District Council |
| Contact number     | [REDACTED]   |
| Email              | [REDACTED]   |

G – Ground, S – Situation, M – Mission, E – Execution, A – Administration, C - Command and Comms

| Ground            |   |
|-------------------|---|
| <b>Definition</b> | Ground is the location and environment, at which the event is taking place. Includes briefing and any specific environmental /cultural issues that maybe encountered  |
| <b>Brief</b>      | This should include a full description of: <ul style="list-style-type: none"><li>• Port Hill Fires Christchurch/Selwyn</li><li>• State of Emergency declared 15/2/16 Christchurch and Selwyn District Councils.</li></ul> |

| SITUATION         |  |
|-------------------|--|
| <b>Definition</b> | Situation is a brief description of the status of the event right now; things like known incidents, weather conditions, inbound resources, other agency involvement and any considerations that might affect what you have to do. An impact statement should be included here when relevant. |
| <b>Brief</b>      | <ul style="list-style-type: none"><li>• 16 February 2017 @ 1030 HRS</li></ul> <p>CHRI2118 @0918 located at Worsleys Rd "Worsleys Command " AAC Greg Crawford is IC aggressively forcing through firebreak.</p>   |

|  |   |
|--|---|
|  | <p>Asset protection using multiple pumps tankers and earth moving machinery.</p> <p>TIMA8018 Early Valley Command located at Old Tai Tapu Rd ICP, currently working alongside Selwyn DC ICP as liaison.</p> <p>Governors Bay Fire Brigade member Annabel Bain has been treated and transported by Ambulance, status 4, mental and physical exhaustion. Treated as First Response by Governors Bay VFB.</p> <p>AC Dave Stackhouse, estimate up to 30 properties in Worlseys Rd have been damaged and will be returning to Penrudduck rise and Hoon Hay Rd to estimate the further damage later on today. Working with ground crews and heavy machinery. NZFS are working with Rural Fire in this sector.</p> <p>@1115 Worlsey Rd Command update, still dampening down and currently working with heavy equipment and creating extensive breaks.</p> <p>@1115 Hoon Hay Valley Rd – AAC Craig Geddes OIC.</p> <p>@1115 Early Valley Rd – AAC Steven Greenyer</p> <p>Still concerns over the weather and wind change forecast. Easterlies expected this afternoon 38 kmph @ around 1600 hrs. High of 21 degrees.</p> <p>All volunteer crews have been relieved by their respective brigades with relief crews. Blanket page was sent to CFOs.</p> <p>Pump coverage in Christchurch City is excellent, there are some areas in Selwyn with tanker coverage but not significant.</p> <p>Current workload in Comcen is quiet.</p> <p>Comcen are assisting with staffing the EOC to assist RCC staff. Planning continuing on for tonight until midnight – for the next 2 days.</p> <p>Task force enroute from Dunedin and will plan to stay for at least 48 hrs.</p> <p>Police advise that the Eagle Helicopter will come down from Auckland tonight and fly the incident area once helicopters operations have ceased tonight.</p> <p>Affected Population Based on 2013 census data:</p> <p>Current wind direction is E or NE</p> <ul style="list-style-type: none"> <li>a. Kennedys Bush – 228 Homes – 651 People</li> <li>b. Westmorland AU – 660 homes – 1836 People</li> <li>c. Lansdowne Area (Meshblocks 2485900 and 2486600) – 129 homes - 363 People.</li> </ul> |
|--|---|

|  |   |
|--|---|
|  | <p>d. <b>Total – 1017 homes – 2850 people.</b></p> <p>If the wind direction changes to S, W or NW the following could also be affected in the near future.</p> <ul style="list-style-type: none"> <li>e. Governors Bay AU – 333 homes – 870 People</li> <li>f. Governors Bay Road (Meshblock 2711400) – 72 homes – 192 People.</li> <li>g. Cashmere West AU – 1113 homes – 3078 People</li> <li>h. Cashmere East AU – 1371 homes – 3756 People</li> <li>i. Rapaki Track AU – 513 homes – 9267 People</li> <li>j. <b>Total – 3402 homes, 12117 People.</b></li> </ul> <p><b>Dunedin RCC has activated monitoring mode @ 0830 hrsWed 16/2</b></p> |
|--|---|

obe

## MISSION

|                   |   |
|-------------------|---|
| <b>Definition</b> | Mission is what needs to be accomplished. It should list the mission for the coordination center as well as a statement of 'Response Coordinators intent'.<br><br>The mission statement should give basic specific information. Someone reading it should be able to answer <i>who, what, when, where and why</i> . |
|-------------------|---|

|              |  |
|--------------|--|
| <b>Brief</b> | <ul style="list-style-type: none"> <li>• To protect life by ensuring safety of all personnel and the public.</li> <li>• Provide asset protection to all identified values where it is safe to do so.</li> <li>• Contain control and extinguish the fire with minimum disruption to the community.</li> </ul> |
|--------------|--|

| <b>EXECUTION</b>  |  |
|-------------------|--|
| <b>Definition</b> | Execution is how the coordination center is going to accomplish the mission. It includes information on how you're getting there, what you'll do when you get there, any subtasks that will need to be given out, etc. |
| <b>Brief</b>      | Continue liaison with operational crews , incident commanders, Selwyn EOC , Rural Fire and DOC.  |
|                   |  |

| <b>ADMIN &amp; LOGS</b> |  |
|-------------------------|--|
| <b>Definition</b>       | Administration and Logistics (deals with the support needed to accomplish the mission. Things like: food, transportation, equipment and so on.)  |
| <b>Brief</b>            | <ul style="list-style-type: none"> <li>• Two Dunedin paid crews are responding up to Christchurch at present to provide relief.</li> <li>• 4 executives are responding from Region 3 arriving into Christchurch this afternoon, NCC have arranged accommodation and car hire.</li> </ul> |

| <b>COMMAND &amp; COMMUNICATION</b> |   |
|------------------------------------|---|
| <b>Definition</b>                  | <p>Command and Communication covers how you're going to communicate</p> <p>Includes command structures, communication plans, call-signs, meeting schedule etc</p> |

|              |   |
|--------------|---|
| <b>Brief</b> | <p><b>Command</b></p> <p>Information on the command structure should be provided, this should include:</p> <ul style="list-style-type: none"> <li>• Fire region Commander – Steve Turek</li> <li>• AC Dave Stackhouse – Fire IOC</li> <li>• AC Mark Boere – Fire Liasion Selwyn EOC /RCC</li> <li>• AAC Greg Crawford – Worlesy Command</li> <li>• AAC Steven Greenyer – Hoon Hay Valley Rd</li> <li>• Telephone , WIFI Router set up in EOC, USAR will supply WIFI cache as back up due to load on the Selwyn DC.</li> <li>• Team Management within the Coordination Centre<br/>AC Mark Boere – Fire Service Liaison / Response Coordinator<br/>Brent Dunn – Communication Centre Operations<br/>Rachel Butler – Planning and Intel<br/>Emma Hay – Facility Support<br/>Karen Geary – Facility Support</li> </ul> <p><b>Communications</b></p> <p><b>*** Ongoing connectivity issues *****</b></p> <p>Include contact information for Coordination Centre, NZFS IMTs/Command Teams and Other Agencies being supported by Centre.</p> <ul style="list-style-type: none"> <li>• Rcc.christchurch@fire.org.nz</li> <li>• RCC Selwyn EOC contact [REDACTED]</li> </ul> <p>Next Selwyn EOC debrief is at 1200 hrs</p> |
|--------------|---|

## RELEVANT DOCUMENTS (optional additions)

|                     |                      |
|---------------------|----------------------|
| <b>Attachment 1</b> | Available Executives |
| <b>Attachment 2</b> | Contacts List        |
| <b>Attachment 3</b> |                      |
| <b>Attachment 4</b> |                      |
|                     |                      |

**Time of next briefing**

1200 Selwyn EOC

Mark Boere  
Shaw

Selwyn EOC

Alternative contact: Katie

Des Irving  
Tuck

Selwyn EOC

Alternative contact: Bev

*please note G Dakee on call Nelson/Tasman/West Coast Areas*

Dave Stackhouse  
McNicol

Alternative contact: Rhonda

Greg Crawford  
McNicol

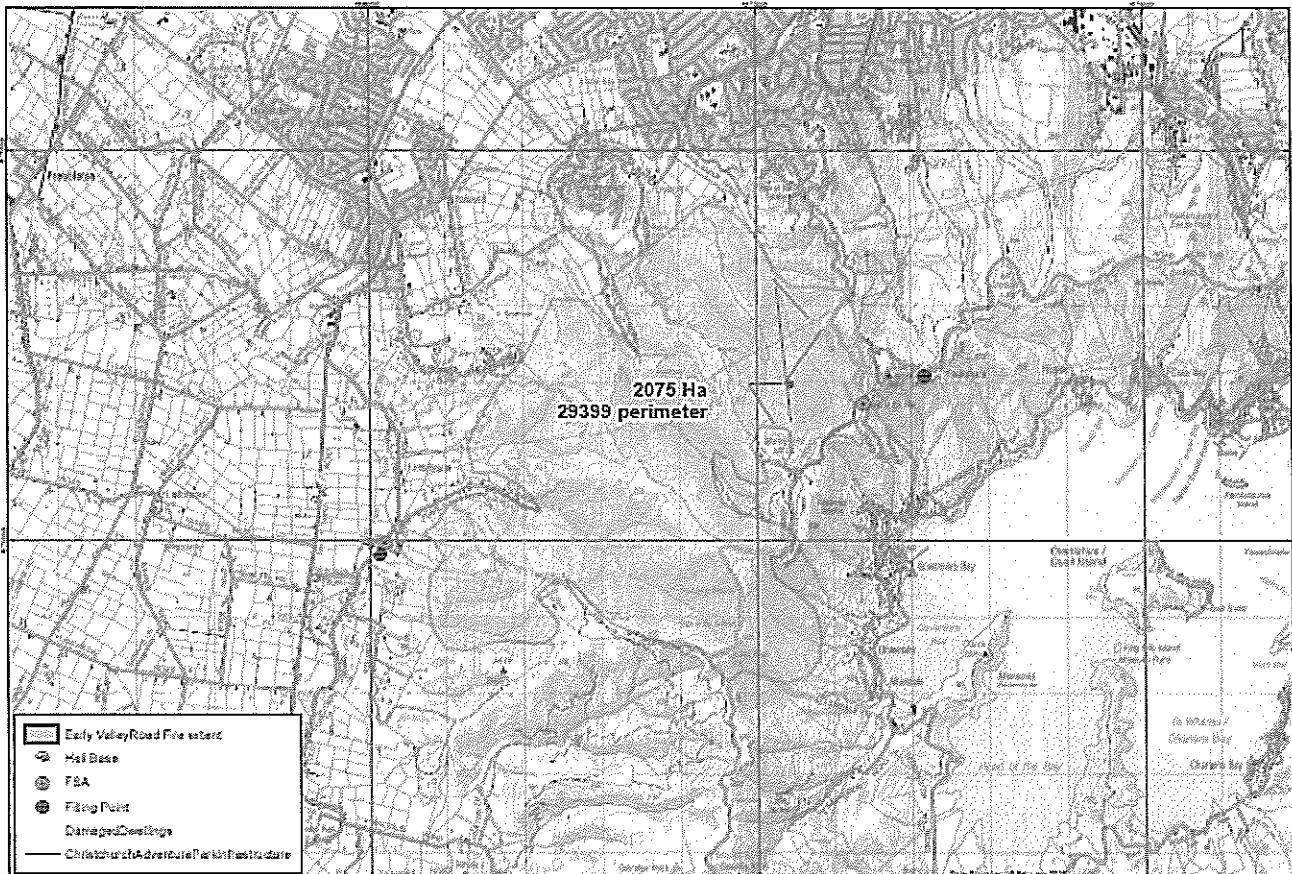
Alternative contact: Rhonda

Steve Greenyer  
Stowell  
Area

Selwyn EOC

Alternative contact: Joan

*- please note M Bennet is on call for South Canterbury*



Port Hills Complex Fire 16th Feb 2017

Please note pages 7-12 are blank

## **Official Information**

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**From:** EOC Controller  
**Sent:** Tuesday, 21 March 2017 10:09 a.m.  
**To:** Rainey, Sean  
**Subject:** inbox 16th  
**Attachments:** CCC Sit Rep #4 attached FYI

## Situation Report

|            |                                   |                  |                        |
|------------|-----------------------------------|------------------|------------------------|
| 1. EOC/ECC | 2. Situation as at: 5:00am        | 3. SITREP Number | 4. Originator Record # |
| CCC EOC    | Time Date: 1200, 16 February 2017 | # 4              | Richard Holland        |

### 5. Summary of Events

(What has happened? Note any critical issues and assumptions made. Attach map, drawing and or tables describing the event—if applicable.)

Fire started 13 February 2017. Two previously separate Port Hills fires (Early Valley and Marley Hill) have merged to form one large fire. The fires stretch from Victoria Park and Worsleys Road in the North, to Cass Peak in the South, Early Valley in the west, and hill slopes above Governors Bay in the east.

At 6.05pm 15 February a State of Local Emergency was declared for the Christchurch City Council and Selwyn District Council Areas. CDEM Group staff are co-locating with Christchurch City Council CDEM EOC. The Regional Incident Management Team (RIMT) for Rural Fire will remain located at the Selwyn District Council and they will continue to manage the fire response. A liaison officer from Canterbury CDEM Group will be located at the RIMT.

Assets compromised include communication repeaters, electricity infrastructure, residential properties, the Christchurch Adventure Park, and significant recreation, forestry and ecological reserves.

**Information Update:** There was significant fire development overnight affecting the east side of Dyers Pass Road into Victoria Park and surrounding Sugar Loaf the estimated area of the fire is now in excess of 2075 hectares, and growing. There have been a significant number of residential properties affected. To date, at least 7 dwellings have been impacted upon by fire to some degree. Police managed resident evacuations, with support from NZDF personnel. Approx. 450 households in threatened areas, including Kennedys Bush Road, Westmorland, Dyers Pass Rd/Cashmere below Sign of Takahe/Victoria Park, Hoon Hay Valley Road and Worsleys Rd.

Civil Defence said at 4.55am on 16 February that police were evacuating residents downhill of the Sign of the Takahe on Dyers Pass Road as far down as, and including, Kiteroa Place and Pentre Terrace. The fire has crossed Dyers Pass Road below Sign of the Kiwi and is developing in Victoria Park. It has also spread to within close proximity of the dense residential housing of Westmoreland.

At least three additional houses have been destroyed in the area of Worsleys Road.

The majority of evacuees chose to stay with friends or family. Christchurch City Council provided a welfare centre at Te Hapua in Halswell where a total of 11, and Nga Hau e Wha Marae was also opened and made available, but not used at all.

Road CLOSURES as at 09.00 and 10 cordons remain in place around the fire, managed by Police and NZDF personnel. CTOC advise the following:

- Cashmere Rd is closed west of Kaiwara St to Kennedys Bush Rd.
- Worsleys Rd is closed from Cashmere Rd
- Hoon Hay Valley Rd is closed.
- Kennedys Bush Road is closed form the roundabout with Rock Hill Drive. This includes the southbound cycle track
- Worsleys Track from Worsleys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholt's Road and Early Valley Road
- Early Valley Road is closed

- Holmes Road is closed.

PIM staff have periodically provided media releases, updated Council website and social media. Key messages have included updates on fire progression, evacuation areas, welfare centre availability, self-evacuate if you feel anxious, and no rubbernecks.

Logistics staff have sourced resources, looked after staff needs and supported Te Hapua welfare centre.

Welfare staff have focussed on resourcing and maintaining Te Hapua.

**6. Predicted Event Development** (Note how the situation is expected to evolve - including weather and other factors or limitations should be noted)

Winds are forecast to be NE freshening afternoon to 30 kmph. Potential for fires to continue to spread towards residential properties, with fresh easterly winds continuing.

Fire east of Dyers Pass will continue to develop – reassessment will be required in the morning.

Incident Management Team is being escalated to support this complex, with support from multiple agencies. Road closures and suppression efforts will continue for at least the next couple of days. Rain forecast Friday 17 at 0600, light rain during day. Similar light rain on Saturday

To date there are currently no health-related admissions from smoke inhalation.

**7. Action taken** (What are the partner agencies are doing now? What has been done since previous SITREP or Action Plan? What coordination issues arise from this, if any?)

More homes in Christchurch's Port Hills are being evacuated last night as massive wildfires continue to rage Civil Defence said at 4.55am that police were evacuating residents downhill of the Sign of the Takahe on Dyers Pass Road as far down as, and including, Kiteroa Place and Centre Terrace. Affected residents will be contacted directly by police, who are knocking on doors. Those who feel unsafe are advised to self-evacuate. Police were concerned about traffic and people in the area and asked all non-residents to stay away to keep the roads clear for emergency services.

Water Supply status - Source data from CCC's Steve Pink. There are three empty reservoirs as at 0900 16 February 2017. They are Burkes #2 which supplies Early Valley Road; Worsleys #2, and Kennedys Bush reservoir. Kennedys Bush supplies Burkes #1. Back up water was supplied to Early Valley Road yesterday. City Care are filling Burkes #1 with a tanker. There is no power to #1 but a generator is in place to pump to Burkes #2. Sutherlands #1 pumps to Kennedys Bush but a release valve has failed due to fire damage. (Update as at 0930 valve leak identified and pumps at Sutherlands shut off to allow repair. Following "found leak" repairs, the pumps will be switched back on to look for further leaks, etc.) A fix to allow supply to Kennedys Bush expected afternoon 16 February 2017.

0900 16 February 2017 Victoria Park reservoir is low but is filling. 4 hydrants feeding Hackthorne Road below the reservoir have supplied Fire Service appliances since yesterday.

0900 16 February 2017 Worsleys #1 reservoir is full. Worsleys #2 is empty and is "calling" for water. The reservoir may be gone; or there could be a communications issue. No access is currently possible.

Governors Bay reservoirs are OK. Supply is via piped network from Lyttelton (Scrutons well, etc).

St Johns ambulance have dealt with 5 respiratory-related incidents. 1 was serious (member of fire crew).

The map outlining the extent of the fire has been updated (see attached link – Event Maps).

**8. Recovery** (Outline current Recovery planning processes and Recovery activities. What further coordination is between Response + Recovery?)

Damage assessments will be required for:

- Geotech Assessment for Rock Roll / Rock Fall
- Stream protection Cashmere Stream and Heathcote River
- Restoration planting for slopes
- Reservoirs
- Roading and footpaths
- Walking tracks, mountain bike tracks and other recreational facilities
- Retaining walls
- Bridges
- Fencing (boundary fencing, road fencing, stock fencing)
- Signage and other markers
- 3 waters infrastructure

A recovery consideration will be staff welfare and potential exhaustion.

Kordia (owners of Sugar Loaf tower) are being approached to allow clearance of vegetation from around the tower.

|   |                 |                   |                         |                   |                                |
|---|-----------------|-------------------|-------------------------|-------------------|--------------------------------|
| <b>9. Prepared by:</b>                                | Richard Holland | <b>Role:</b>      | Planning & Intelligence | <b>Time Date:</b> | 1200 Thursday 16 February 2017 |
| <b>10. Approved for release by Controller (Name):</b> |                 | <b>Signature:</b> |                         | <b>Time Date:</b> |                                |

Feb 2017 ECS 12

### **Evacuations Table**

| Evacuated From:<br>(Location) | No.<br>Known | No.<br>Est: | Evacuated to:<br>(Location) | No: | Agencies Involved: | Remarks / Needs |
|-------------------------------|--------------|-------------|-----------------------------|-----|--------------------|-----------------|
|                               |              |             |                             |     |                    |                 |

### **Deaths / Injuries Table**

| Location | Injured      |             |                 | Deaths       |             |        |
|----------|--------------|-------------|-----------------|--------------|-------------|--------|
|          | No.<br>Known | No.<br>Est: | Nature + Causes | No.<br>Known | No.<br>Est' | Causes |
|          |              |             |                 |              |             |        |

### Transport Routes Status Table

| District / Ward  | Location  | Name of infrastructure | Reason for closure / restriction | Expected open/close date/time |
|--|-----------|------------------------|----------------------------------|-------------------------------|
| Road closures are as listed above and on Transport For Christchurch website. | Transport |                        | Fire                             |                               |

### Infrastructure Status Table

(Infrastructure includes public facilities, housing, etc, and Engineering Lifelines - other than transport routes)

| District / Ward                    | Location   | Name of infrastructure | Current Status | Issues   |
|------------------------------------|--|------------------------|----------------|--|
| See above for water supply status. | Road closures are as listed above and on Transport For Christchurch website. | Water Supply           | Transport      | Kordia has been closely monitoring the situation and status of its transmission site located at the summit of Sugarloaf overnight the fire came very close but currently all services remain operational and our risk has this morning abated slightly. As a precaution Kordia has activated its disaster recovery plan and is transporting spare transmission |

|   |  |
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|   |  |
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| equipment to Christchurch should emergency restoration of broadcast services be required. Kordia is working with customers to plan for restoration should the site be lost. We are also working with emergency services who are working hard to contain the situation and we understand that safety of life is the top priority | 2degrees no services impacted currently on the 2degrees network, but are keeping a close eye on the situation with Kordia Sugarloaf as have six cellsites dependent on microwave backhaul from that site |

### Social/Community Status Table

(Social/Community includes: Towns, communities, age-groups, ethnic groups, employment types, etc – where relevant to the response/recovery. Do not repeat information contained in other status tables, but indicate Social/Community implications of other issues where appropriate.)

| District / Ward | Location | Name / Aspect of Community | Current Status | Issues |
|-----------------|----------|----------------------------|----------------|--------|
|                 |          |                            |                |        |
|                 |          |                            |                |        |
|                 |          |                            |                |        |

### Critical Resources Status Table

(Critical Resources include: equipment, personnel, information, supplies, etc, that are either critical to the current response/recovery or are likely to be come so in the near future, due to the situation escalating and/or the resource(s) being expended locally. These resources include those currently available and those not available but required for future response/recovery activities.)

| Type of Resource | Currently Available: | Required: | Why Critical? | Location of need | Issues |
|------------------|----------------------|-----------|---------------|------------------|--------|
|                  |                      |           |               |                  |        |

## **EOC/ECC Staffing Status Table**

(EOC/ECC Staffing includes all staff carrying out functions within the facility - host/lead agency and response organisation representatives and others.)

| <b>Current ECC/EOC Activation Level:</b> | <b>Activation Level within next 24 hours:</b> | <b>Longer term activation levels:</b> | <b>Shift System in place:</b> | <b>EOC/ECC Staff Gaps:</b> |
|--|---|---------------------------------------|-------------------------------|----------------------------|
|  |   |                                       |                               |                            |

| <b>Local EOC/ Area/Sector/ Welfare Activation:</b> | <b>Activation Level within next 24 hours:</b> | <b>Longer term activation levels:</b> | <b>Shift System in place:</b> | <b>Staff Gaps:</b> |
|--|---|---------------------------------------|-------------------------------|--------------------|
|  |   |                                       |                               |                    |

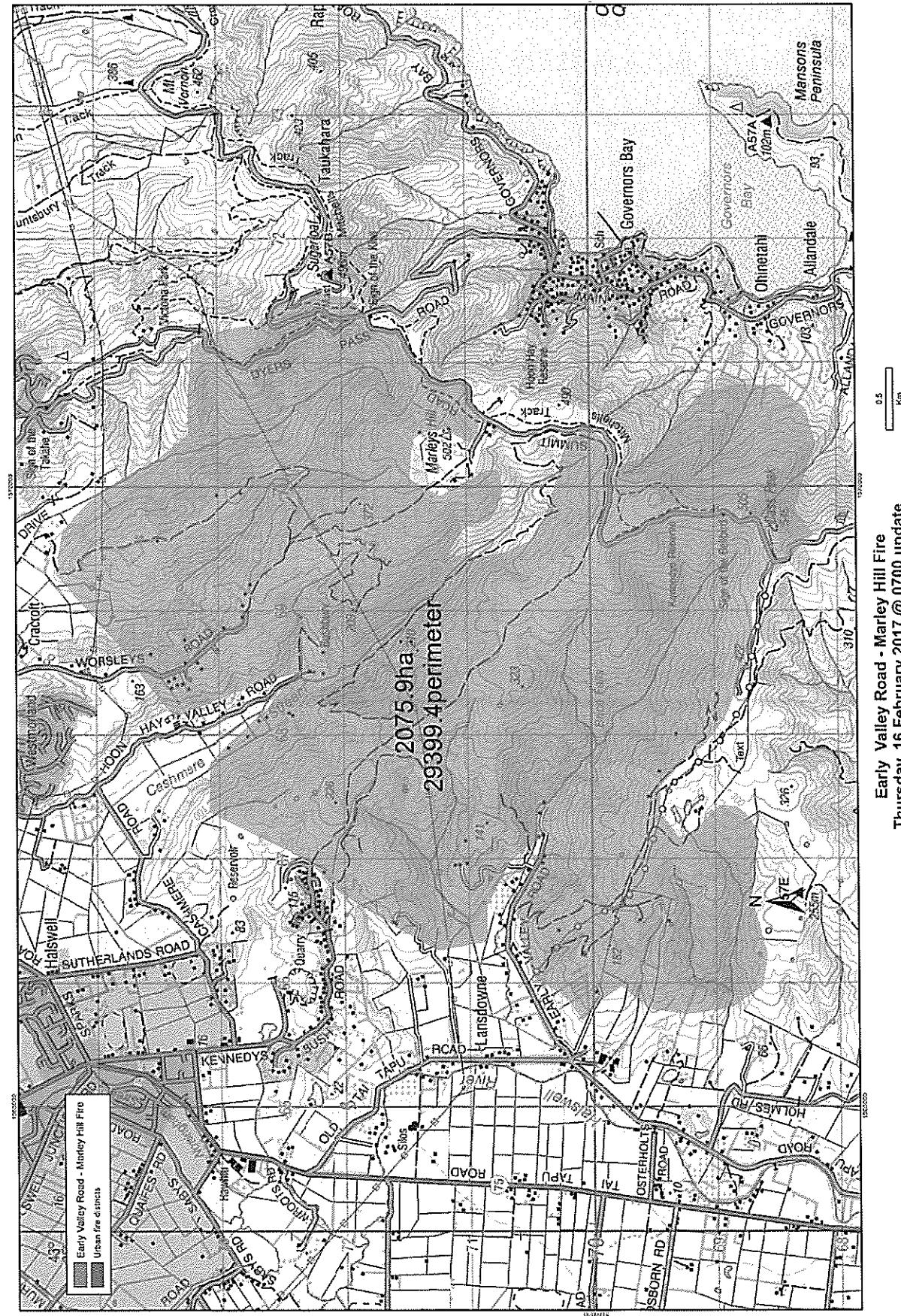
Telecommunications plan and organisation chart can be attached to SITREP and/or Action Plan.

## **External Data:**

## **Event Map(s):**



[Fire\\_Management\\_Programme\\_0700\\_Media\\_16\\_Feb\\_2017\\_A3\\_Land.pdf](#)



Early Valley Road - Marley Hill Fire  
Thursday, 16 February 2017 @ 0700 update

## **Official Information**

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**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Friday, 17 February 2017 8:05 a.m.  
**To:** EOC Controller  
**Subject:** FW: Port Hills fire update 11.30pm

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

DDI [REDACTED]  
Email [REDACTED]  
Web [REDACTED]

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154

Please consider the environment before printing this email



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**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 11:33 p.m.  
**Subject:** Port Hills fire update 11.30pm

Good evening,

Please see information below about the firefighting effort tonight.

Rural fire will have three crews with 15 staff operating through the night. NZ Fire Service will have three crews and three tankers, with 21 firefighters operating. The focus of efforts will be on patrolling and monitoring. Additional crews will be on standby in case of any further flare-ups.

The Christchurch EOC will be operating overnight.

## **Official Information**

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**From:** CDEM Canterbury  
**Sent:** Friday, 17 February 2017 2:26 a.m.  
**To:** EOC Controller  
**Subject:** Fw: Action Plan 0730 to 1930 17 February 2017  
**Attachments:** IAP.pdf

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**From:** Planning <EOC.PLAN@selwyn.govt.nz>

**Sent:** Thursday, 16 February 2017 9:18 p.m.

**To:** Woods, Darrin; Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel, [REDACTED]

**Subject:** Action Plan 0730 to 1930 17 February 2017

Hi All

Please find attached Action Plan for tomorrow day shift 0730 to 1930 17 February 2017

Regards

PLANNING TEAM  
SELWYN EMERGENCY OPERATIONS CENTRE  
PHONE [REDACTED]

SELWYN DISTRICT COUNCIL 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch  
Phone: (03) 347-2800 or (03) 318-8338; Fax: (03) 347-2799  
[www.selwyn.govt.nz](http://www.selwyn.govt.nz) | [m.selwyn.govt.nz](mailto:m.selwyn.govt.nz) | [www.selwynlibraries.co.nz](http://www.selwynlibraries.co.nz) | [www.selwyn.getsready.net](http://www.selwyn.getsready.net)

 Help

|   |   |                 |
|---|---|-----------------|
| <b>1. Incident Name</b><br>Port Hills Complex | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 | IAP COVER SHEET |
|---|---|-----------------|

### INCIDENT ACTION PLAN

The items checked below are included in the incident Action Plan

- SITUATION REPORT
- INCIDENT OBJECTIVES
- ORGANISATION LIST
- COMMUNICATIONS PLAN
- SAFETY PLAN
- SECTOR ASSIGNMENT
- MEDICAL PLAN
- FIRE MAP
- WEATHER FORECAST
- SMOKE PROPAGATION MODELLING
- 
- 
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- 
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- 

|  |  |                      |
|--|--|----------------------|
| <b>3. Approved by Incident Controller:</b> |  |                      |
| Name                                       | Signed   | Date/Time            |
| Richard McNamara                           |  | 16/02/17<br>2000 hrs |

**CC**

|   |  | <b>SITUATION</b>              | <b>REPORT</b> |
|---|--|-------------------------------|---------------|
| <b>1. Incident Name</b><br><b>Port Hills Complex</b>  | <b>2. Operational Period</b>                     | RF201                         |               |
|   | Date: 16 February 2017<br>Time: 1900hrs          |                               |               |
| <b>3. Location</b><br><b>Marleys Hill and Early Valley</b>  | <b>4. Vegetation</b><br>Forest/Scrub/Grass/Slash | <b>5. NZ Topo50 Grid Ref.</b> |               |
| <b>6. Assessment</b><br>The Port Hill fires (Early Valley & Summit Road) have now merged into one following the significant escalation of the fire during the afternoon and evening of the 15 February. The area of the fire is now 2075ha and this area has been contained during the day time operational period of the 16th. This containment was confirmed when the fire perimeter was re-flown at 1600. Locations requiring continued suppression efforts include the area above Dyers Pass Road below Sign of the Kiwi into Victoria Park, in and around Sugar Loaf, area around Marleys Hill and the southern flank of the fire which potentially could blow out into unburnt fuel. The fire runs on the 15 <sup>th</sup> took the fire into close proximity of the dense residential housing of Westmoreland.<br>There have been a significant number of properties affected.<br>At this moment the confirmed number destroyed structures is 11 houses and 2 large sheds.<br>Metservice weather Port Hills 19:10; 17 degree, 85% RH and average wind E 39km/hr.   |  |                               |               |
| <b>7. Action taken</b><br>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.<br>Works during the day has focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews working.<br>A number of evacuations were undertaken yesterday as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads. Many other households have self-evacuated. Actual number of people affected is unknown. Operations are working through a process to assess homes so people can return to their homes.<br>Road closures have been extended with police and defence manning road blocks.<br>There is a Welfare Centre at the Halswell Library being managed by Civil Defence.<br>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February. Power authorities are working to maintain service.<br>Total Fire Ban put into place from Waimate/McKenzie District to Hurunui District by the National Fire Authority. Effective 17 <sup>th</sup> February until further notice. This has been done to reduce the potential for further fire outbreaks while regional resources are concentrating on the Port Hills fire. |  |                               |               |
| <b>8. Factors</b><br>Key factors are <ul style="list-style-type: none"> <li>• Smoke reducing visibility</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Continued significant resource commitment in terms of personnel and equipment</li> <li>• Limited water supplies close to the fire ground are being exhausted.</li> <li>• Damage to power infrastructure</li> <li>• Fire crews, helicopter personnel and management staff fatigue. Rotation with resources from outside the region need to be considered.</li> </ul>  |  |                               |               |
| <b>9. Predicted Incident Development</b><br>Tomorrow (17 Feb) NE winds are expected to increase to 40-45 km/hr and gusting to 55km/hr. The RH is also expected to increase 100% as drizzle develops in the evening. These conditions are expected have fire behaviour similar to today with increased wind maybe flaring up hot spots and high RH making new fires less likely to develop. On Saturday the drizzle is expected to turn to light rain with continued NE winds, these will be good conditions for blacking out the fire perimeter. Areas of concern are the land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.   |  |                               |               |
| <b>10. Prepared by:</b> Terry O'Neill   |  | Date/Time 16/02/2017 2000 hrs |               |

|  |  |                             |
|--|--|-----------------------------|
| <b>1. Incident Name</b><br>Port Hills Complex  | <b>2. Operational Period</b><br>Date<br>Time | <b>INCIDENT OBJECTIVES</b>  |
| <b>3. Overall Incident Objectives</b>  |  |                             |
| <ol style="list-style-type: none"> <li>1) To protect life by ensuring the safety of all personnel and the public.</li> <li>2) Provide asset protection to all identified values under threat, where it is safe to do so.</li> <li>3) Ensure all required preparations for next operational period are completed</li> <li>4) Undertake risk assessment to enable the public to return to buildings.</li> <li>5) Strengthen containment line and join methodically to existing completed/safe cold line around the fire perimeter.</li> </ol>  |  |                             |
| <b>4. Strategies for specified Operational Period</b>  |  |                             |
| <ol style="list-style-type: none"> <li>1a) Clearly identify fireground and any other areas of risk</li> <li>1b) Ensure access to fireground is restricted to trained, competent and assigned personnel only</li> <li>1c) Ensure Safety Officer/s are appointed, briefed and actively managing safety risks</li> <li>1d) Provide clear briefings ad command and control and communications</li> <br/> <li>2a) Identify all assets that may be at threat within the operational period</li> <li>2b) Assess each asset for likelihood of successful protection</li> <li>2c) Assess resources available over operational period</li> <li>2d) Prioritise sites or secure more resources if insufficient for protection of all assets</li> <li>2e) Ensure security of evacuated areas is maintained</li> <br/> <li>3a) Ensure IMT has been briefed by night Ops before departing the fire ground to ensure any required activities or preparations for following operational period are understood</li> <li>3b) Sector Supervisor to confirm crew availability to Operations Manager no later than 1100 hours</li> <br/> <li>4a) Undertake thermal imaging assessments of buildings once environment cools</li> <li>4b) Using Council systems to identify and contact landowners/occupants to inform them as to whether they can return home.</li> <li>4c) Undertake public messaging to support this action</li> <br/> <li>5a) Starting from anchor points or safety zones, methodically work the perimeters with either hand tools, water or machinery to reinforce perimeter fire breaks.</li> <li>5b) Initially establish 1 to 5 metre fire breaks as above. In areas of concern or heavy vegetation increase the width to 20 metres.</li> <li>5c) Where possible GPS all completed line to be downloaded by situation at the end of shift.</li> <li>5d) Sector supervisors to liaise with Ops regarding helicopter water drops onto their sectors.</li> </ol> |  |                             |
| <b>5. Prepared by:</b>   | Trevor Tidey                                 | Date/Time 16/02/17 2000 hrs |
|   |  |                             |

| 1. Incident Name            |                            | 2. Operational Period |            | ORGANISATION LIST |  |
|-----------------------------|----------------------------|-----------------------|------------|-------------------|--|
| Port Hill Complex           |                            | Date                  | 17/02/17   |                   |  |
|                             |                            | Time                  | 0730-1930  |                   |  |
| 3. Incident Control         |                            | Phone                 | Cell Phone | Radio Ch          |  |
| Incident Controller         | Richard McNamara           |                       |            |                   |  |
| Information Officer         | Stephen Hill               |                       |            |                   |  |
| Safety Officer              | Phil Crutchley (Alpha)     |                       |            |                   |  |
| PIM                         | CDEM Group                 |                       |            |                   |  |
| Safety Officer              | Steve Oschner (Bravo)      |                       |            |                   |  |
| Liaison Officer             | Tim Mitchell-NRFA          |                       |            |                   |  |
|                             | Major Peter-NZDF           |                       |            |                   |  |
|                             | Ian Rex-St John            |                       |            |                   |  |
|                             | Gavin Treadgold-CDEM Group |                       |            |                   |  |
|                             | Andy Thompson-DOC          |                       |            |                   |  |
|                             | Chris Scott-Police         |                       |            |                   |  |
| RIMT IC                     | Rob Hands                  |                       |            |                   |  |
|                             |                            |                       |            |                   |  |
| 4. Agency Representative    |                            | Phone                 | Cell Phone | Radio Ch          |  |
| Lead Agency                 | SDC Douglas Marshall       |                       |            |                   |  |
| Lead Agency                 | DOC Andy Thompson          |                       |            |                   |  |
| 5. Planning/Intell Section  |                            | Phone                 | Cell Phone | Radio Ch          |  |
| Planning/Intell Manager     | Tony Teeling               |                       |            |                   |  |
| Dept Planning/Intel Manager | Allan Grigg                |                       |            |                   |  |
| Management Support Unit     | Jeanette Clark             |                       |            |                   |  |
| Situation Unit              | Veronica Clifford          |                       |            |                   |  |
| Situation Unit              | Grant Pearce               |                       |            |                   |  |
| Situation Unit              | Terry O'Neil               |                       |            |                   |  |
| Resources Team Leader       | Julie Woodward             |                       |            |                   |  |
| Resources                   | John Skilton               |                       |            |                   |  |
| Resources                   | Jo Clark                   |                       |            |                   |  |
| Resources                   | Jo Harkerss                |                       |            |                   |  |
| Resources                   | Pete Johnson               |                       |            |                   |  |
| Fire Behaviour              | Nathan Keegan              |                       |            |                   |  |
| Fire Investigation          | Rory Hoogenraad            |                       |            |                   |  |
| Ground Observers            | Warren Hunt                |                       |            |                   |  |
| Ground Observers            | Shaun Tivers               |                       |            |                   |  |
| Ground Observers            | Paul Grover                |                       |            |                   |  |

|                                  |                          |           |                    |          |
|----------------------------------|--------------------------|-----------|--------------------|----------|
| Ground Observers                 | Steve Pemberton          |           |                    |          |
| Ground Observers                 | Brad Edwards             |           |                    |          |
| <b>6. Logistics Section</b>      |                          | Phone     | Cell Phone         | Radio Ch |
| Logistics Manager                | Janet Walsh (Don Geddes) |           |                    |          |
| Logistics                        | Kay Holder               |           |                    |          |
| Supply                           | Craig Westley            |           |                    |          |
| Finance Unit                     | Pam Stephens             |           |                    |          |
| Comms                            | SDC                      |           |                    |          |
| <b>7. Operations Section</b>     |                          | Phone     | Cell Phone         | Radio Ch |
| Operations Manager               | Trevor Tidey             |           |                    |          |
| Deputy Operations Manager        | John Hays-NZDF           |           |                    |          |
| Air Attack Supervisor            | Graeme Still             |           |                    |          |
| Air Support Supervisor           | Atila deOliveria         |           |                    |          |
| Assistant Air Support Supervisor | Carrie Lakin             |           |                    |          |
| Ground Support                   |                          |           |                    |          |
| <b>8. Prepared by:</b>           | Allan Grigg              | Date/Time | 16/02/17 / 2000hrs |          |

C

| <b>1. Incident Name</b><br>Port Hills Complex – ALPHA MARLEYS   |   | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                  | <b>COMMUNICATIONS PLAN</b> |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
|---|---|---|------------------|----------------------------|--------------------|-----------------|------------------|------------------|-----------------|-----------------|---------|--------|--|--------------------------|-------------|-------------|-------|--|---------------------------|--------------------|-------|-------|--|--------------------|--------------------|-------|-------|--|-------------------------|----------------------|-------|-------|--|------------------------|--------------------|--------------------|-------|--|--|
| <b>3. Radio Channels</b> <table border="1"> <thead> <tr> <th><b>Assigned To</b></th> <th><b>Function</b></th> <th><b>Channel</b></th> <th><b>Frequency</b></th> <th><b>System</b></th> </tr> </thead> <tbody> <tr> <td>IMT</td> <td>Command</td> <td>ESB164</td> <td></td> <td>027 534 1742</td> </tr> <tr> <td>Air</td> <td>Air Support</td> <td>FIRE4</td> <td></td> <td></td> </tr> <tr> <td>Alpha Marleys</td> <td>Crews</td> <td>Fire2</td> <td></td> <td></td> </tr> <tr> <td>Bravo Early Valley</td> <td>Crews</td> <td>Fire3</td> <td></td> <td></td> </tr> <tr> <td>Charlie Early Valley</td> <td>Crews</td> <td>Fire3</td> <td></td> <td></td> </tr> <tr> <td>Echo Governors Bay</td> <td>NZFS Crew</td> <td>Fire1</td> <td></td> <td></td> </tr> </tbody> </table> |   |   |                  |                            | <b>Assigned To</b> | <b>Function</b> | <b>Channel</b>   | <b>Frequency</b> | <b>System</b>   | IMT             | Command | ESB164 |  | 027 534 1742             | Air         | Air Support | FIRE4 |  |                           | Alpha Marleys      | Crews | Fire2 |  |                    | Bravo Early Valley | Crews | Fire3 |  |                         | Charlie Early Valley | Crews | Fire3 |  |                        | Echo Governors Bay | NZFS Crew          | Fire1 |  |  |
| <b>Assigned To</b>  | <b>Function</b>                         | <b>Channel</b>  | <b>Frequency</b> | <b>System</b>              |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| IMT   | Command                                 | ESB164  |                  | 027 534 1742               |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Air   | Air Support                             | FIRE4   |                  |                            |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Alpha Marleys   | Crews                                   | Fire2   |                  |                            |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Bravo Early Valley  | Crews                                   | Fire3   |                  |                            |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Charlie Early Valley  | Crews                                   | Fire3   |                  |                            |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Echo Governors Bay  | NZFS Crew                               | Fire1   |                  |                            |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| <b>4. Telephone</b> <table border="1"> <thead> <tr> <th><b>Assigned To</b></th> <th><b>Landline</b></th> <th><b>Cellphone</b></th> <th><b>Fax</b></th> <th><b>Comments</b></th> </tr> </thead> <tbody> <tr> <td>Kirsty Percasky</td> <td></td> <td></td> <td></td> <td>SFP Sign of Kiwi</td> </tr> <tr> <td>Sarah Ensor</td> <td></td> <td></td> <td></td> <td>SFP Sign of Kiwi</td> </tr> <tr> <td>Colleen Cooper</td> <td></td> <td></td> <td></td> <td>SFP Sign of Kiwi</td> </tr> <tr> <td>Rachel Pelvin</td> <td></td> <td></td> <td></td> <td>SA Marleys</td> </tr> <tr> <td>Sasha Roselli</td> <td></td> <td></td> <td></td> <td>SA Marleys</td> </tr> </tbody> </table>   |   |   |                  |                            | <b>Assigned To</b> | <b>Landline</b> | <b>Cellphone</b> | <b>Fax</b>       | <b>Comments</b> | Kirsty Percasky |         |        |  | SFP Sign of Kiwi         | Sarah Ensor |             |       |  | SFP Sign of Kiwi          | Colleen Cooper     |       |       |  | SFP Sign of Kiwi   | Rachel Pelvin      |       |       |  | SA Marleys              | Sasha Roselli        |       |       |  | SA Marleys             |                    |                    |       |  |  |
| <b>Assigned To</b>  | <b>Landline</b>                         | <b>Cellphone</b>  | <b>Fax</b>       | <b>Comments</b>            |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Kirsty Percasky   |   |   |                  | SFP Sign of Kiwi           |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Sarah Ensor   |   |   |                  | SFP Sign of Kiwi           |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Colleen Cooper  |   |   |                  | SFP Sign of Kiwi           |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Rachel Pelvin   |   |   |                  | SA Marleys                 |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Sasha Roselli   |   |   |                  | SA Marleys                 |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| <b>5. Other (eg email, Satphone, etc)</b> <table border="1"> <thead> <tr> <th></th> <th></th> <th></th> <th></th> <th><b>Email</b></th> </tr> </thead> <tbody> <tr> <td>Logistics</td> <td></td> <td></td> <td></td> <td>logistics@selwyn.govt.nz</td> </tr> <tr> <td>Operations</td> <td></td> <td></td> <td></td> <td>operations@selwyn.govt.nz</td> </tr> <tr> <td>Public Information</td> <td></td> <td></td> <td></td> <td>pim@selwyn.govt.nz</td> </tr> <tr> <td>Planning</td> <td></td> <td></td> <td></td> <td>Eoc.plan@selwyn.govt.nz</td> </tr> <tr> <td>Welfare</td> <td></td> <td></td> <td></td> <td>welfare@selwyn.govt.nz</td> </tr> <tr> <td>Contact 111</td> <td colspan="3">If fire escalates.</td> <td></td> </tr> </tbody> </table>                       |   |   |                  |                            |                    |                 |                  |                  | <b>Email</b>    | Logistics       |         |        |  | logistics@selwyn.govt.nz | Operations  |             |       |  | operations@selwyn.govt.nz | Public Information |       |       |  | pim@selwyn.govt.nz | Planning           |       |       |  | Eoc.plan@selwyn.govt.nz | Welfare              |       |       |  | welfare@selwyn.govt.nz | Contact 111        | If fire escalates. |       |  |  |
|   |   |   |                  | <b>Email</b>               |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Logistics   |   |   |                  | logistics@selwyn.govt.nz   |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Operations  |   |   |                  | operations@selwyn.govt.nz  |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Public Information  |   |   |                  | pim@selwyn.govt.nz         |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Planning  |   |   |                  | Eoc.plan@selwyn.govt.nz    |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Welfare   |   |   |                  | welfare@selwyn.govt.nz     |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| Contact 111   | If fire escalates.                      |   |                  |                            |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |
| <b>6. Prepared by:</b>  | Don Geddes Date/Time 16/02/17 / 2000hrs |   |                  |                            |                    |                 |                  |                  |                 |                 |         |        |  |                          |             |             |       |  |                           |                    |       |       |  |                    |                    |       |       |  |                         |                      |       |       |  |                        |                    |                    |       |  |  |

| <b>1. Incident Name</b><br>Port Hills Complex |                       | <b>2. Operational Period</b><br>Date<br>Time<br>17/02/17<br>0730-1930 |                                | <b>AIR OPERATIONS PLAN</b> |                      |
|---|-----------------------|---|--------------------------------|----------------------------|----------------------|
| <b>3. Personnel and Communications</b>        |                       |   |                                |                            |                      |
| Position                                      | Name                  | Affiliation   | Phone                          | Radio Chan                 |                      |
| Air Attack Supervisor                         | Graeme Still          | CCC   |                                | FIRE4                      |                      |
| Air Support Supervisor                        | Atila deOliveria      | Buller DC   |                                | FIRE4                      |                      |
| Assistant Air Support Supervisor              | Carrie Lakin          | Mid-South Canterbury  |                                | FIRE4                      |                      |
| <b>4. Air Resource Assignments</b>            |                       |   |                                |                            |                      |
| Pilot Name/<br>Company                        | Aircraft<br>Type      | Reg or<br>Callsign  | Assignment                     | Tactical<br>Freq/<br>Chan  | Telephone<br>Numbers |
| Cressco<br>Fixed Wing                         | Cressco<br>Fixed Wing | TB  | Christchurch<br>International  | FIRE4                      | Onboard:<br>Company: |
|   | Fixed wing<br>x1      |   | Retardant/<br>Water<br>bombing | FIRE4                      |                      |
|   | Fixed wing<br>x 1     |   | Retardant/<br>Water<br>bombing | FIRE4                      |                      |
|   | Squirrel              | HUQ   |                                | FIRE4                      |                      |
|   | Squirrel              | HOQ   |                                | FIRE4                      |                      |
|   | Cabri                 |   | GPS Plotting                   | FIRE4                      |                      |
|   | BK117                 | HJU   |                                | FIRE4                      |                      |
|   | EC120                 | HTV   |                                | FIRE4                      |                      |
|   | Squirrel              | HPQ   |                                | FIRE4                      |                      |
|   | Squirrel              | HDQ   |                                | FIRE4                      |                      |
|   | Squirrel              | IBC   |                                | FIRE4                      |                      |
|   | BK117                 | HGU   |                                | FIRE4                      |                      |
|   | Iroquois<br>UH1       | HHB   | Gov Bay                        | FIRE4                      |                      |
|   | Iroquois<br>UH1       | HHB   | Gov Bay                        | FIRE4                      |                      |
| [REDACTED]                                    |                       | [REDACTED]  | [REDACTED]                     |                            |                      |
| Retardant<br>Specialist<br>(Red Man)          |                       |   |                                |                            |                      |

**5. Location of Filling Points/Service Areas**

|  |                    |
|--|--------------------|
| Christchurch International Airport   | Grays Rd, Harewood |
| Old Tai Tapu Rd (Helibase)   |                    |
| <b>6. Safety notes/Hazards/Radio Coverage Limitations</b>  |                    |
| NOTAM in place<br>Aviation Security at Christchurch Airport  |                    |
| <b>7. Air Operations Special Equip or Service</b>  |                    |
| Garden City 10K Jet A1 Tanker<br>ChCh Heli x 5<br>NZFSC Lincoln x 5<br>Mt Hutt x 1 caravan<br>Beck x 2 |                    |
| <b>8. Prepared by:</b>   | Don Geddes         |
| <b>Date/Time</b> 16/02/17 / 2000hrs  |                    |

|   |   |                    |
|---|---|--------------------|
| <b>1. Incident Name</b><br>Port Hills Complex | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 | <b>SAFETY PLAN</b> |
|---|---|--------------------|

### 3. General Safety Points

Particular care around western edge of Marleys Hill fire with regard to potential fire runs from Early Valley fire.

Extreme caution with any structure protection above Governors Bay and Allendale.

| <b>ACES</b>   | <b>Fire Orders</b>  | <b>Watchouts</b>  |
|---|---|---|
| <b>L</b> - Lookout(s)<br><b>A</b> – Anchor Point(s)<br><b>C</b> – Communication(s)<br><b>E</b> – Escape Route(s)<br><b>S</b> – Safety Zone(s) | <ol style="list-style-type: none"> <li>1. Fight fire aggressively but provide for safety first.</li> <li>2. Initiate all action based upon current and expected fire behaviour.</li> <li>3. Recognise current weather conditions and obtain forecasts.</li> <li>4. Ensure instructions are given and understood.</li> <li>5. Obtain current information on fire status.</li> <li>6. Remain in Communication with crew members, your supervisor and adjoining forces.</li> <li>7. Determine safety zones and escape routes.</li> <li>8. Establish lookouts in potentially hazardous situations.</li> <li>9. Retain control at all times.</li> <li>10. Stay alert, keep calm, think clearly, act decisively.</li> </ol> | <ol style="list-style-type: none"> <li>1. Fire not scouted and sized up.</li> <li>2. In country not seen in daylight.</li> <li>3. Safety zones and escape routes not identified.</li> <li>4. Unfamiliar with weather and local factors influencing fire behaviour.</li> <li>5. Uninformed on strategy, tactics and hazards.</li> <li>6. Instructions and assignments not clear.</li> <li>7. No communications link with crew members or supervisor.</li> <li>8. Constructing fireline without safe anchor point.</li> <li>9. Constructing fireline downhill with fire below.</li> <li>10. Attempting frontal assault on fire.</li> <li>11. Unburned fuel between you and the fire.</li> <li>12. Cannot see main fire, not in contact with anyone who can.</li> <li>13. On hillside where rolling material can ignite fuel below.</li> <li>14. Weather is getting hotter and drier.</li> <li>15. Wind increases and/or changes direction.</li> <li>16. Getting frequent spot fires across the line.</li> <li>17. Terrain and fuels make escape to safety zones difficult.</li> <li>18. Taking a nap near the fire line.</li> </ol> |

#### **4. Specific Safety Points**

- Off and on highway within cordon – speed limit of 30km, headlights and seatbelts on at all times
- Competent four wheel drivers for off road
- Power lines/poles/pylons within the fire ground have been assessed.
- **MAINTAIN A SAFE DISTANCE OF 30M FROM THESE STRUCTURES**
- **FIRE GROUND WILL BECOME SLIPPERY IF SHOWERS OCCUR**
- Maintain hydration and nutrition levels
- Wasps and bees present
- Dust and smoke inhalation
- Steep terrain – potential rockfalls, bluffs present
- Report all accident and near misses
- Sun exposure/hypothermia
- Aircraft movements around heli operations and water bombing
- Heavy machinery operations
- Potential rootballs dislodging
- Unstable trees with damaged root structures
- Beware of public, farmers, recreational users, and stock – contact line manager if issues arise.
- Pink ribbons tied around dangerous trees – unsafe – stay 2 times the height of the tree away

**5. Prepared By:** Graeme Knight

Date/Time 16/2/2017 / 2000

| <b>1. Incident Name</b><br>Port Hill Complex  |  | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                           | <b>SECTOR ASSIGNMENT</b>    |                               |
|---|--|---|---------------------------|-----------------------------|-------------------------------|
| <b>3. Sector</b><br>Alpha   | <b>4. Description</b><br>Marleys and Worsleys Spur |   |                           | <b>5. Division Assigned</b> |                               |
| <b>6. Sector Supervisor</b><br>Nick Singleton (Summit Rd) and Brian Taylor (Worsleys Spur)<br>FIRE3 + 164<br>NS 0274941165,   |  | <b>Affiliation</b>  |                           | <b>Phone</b> SDC            | <b>Radio Ch</b> BT0272297734, |
| <b>7. Resources Assigned this period</b>  |  |   |                           |                             |                               |
| <b>Resource/Crew</b>  | <b>Leader</b>                                      | <b># Persons</b>  | <b>Transport Required</b> | <b>Drop-off Point/time</b>  | <b>Pickup Point/time</b>      |
| Crew 1- DOC Aoraki + medic  |  | 4   |                           |                             |                               |
| Crew 2- CCC Coastal   |  | 4   |                           |                             |                               |
| Crew 3- DOC Geraldine   |  | 5   |                           |                             |                               |
| Crew 4- DOC Mahaanui  |  | 4   |                           |                             |                               |
| Crew 5- DOC Otago   |  | 4   |                           |                             |                               |
| Crew 6 –Ashburton Rural   |  | 4   |                           |                             |                               |
| Crew 7- Alford Forest   |  | 3   |                           |                             |                               |
| <b>8. Sector Assignment / Special Instructions</b>  |  |   |                           |                             |                               |
| Protrans tanker plus one other to continue to fill sugar loaf pond.<br>Helicopter to apply retardant around houses at junction of Worsleys Spur and Summit Road south of Marleys peak<br>Protect life and property. Strengthen containment lines. Direct attack where required. |  |   |                           |                             |                               |
| <b>9. Sector Communications</b>   |  |   |                           |                             |                               |
| Air Support Supervisor  | Dean Turner AAS<br>Atila deOliveria ASS            |   |                           |                             | Fire4                         |
| Safety Officer  | Graeme Knight                                      |   |                           |                             |                               |
| <b>10. Prepared By:</b>   | Bruce Jane   |   |                           | Date/Time 16/02/2017 / 2000 |                               |

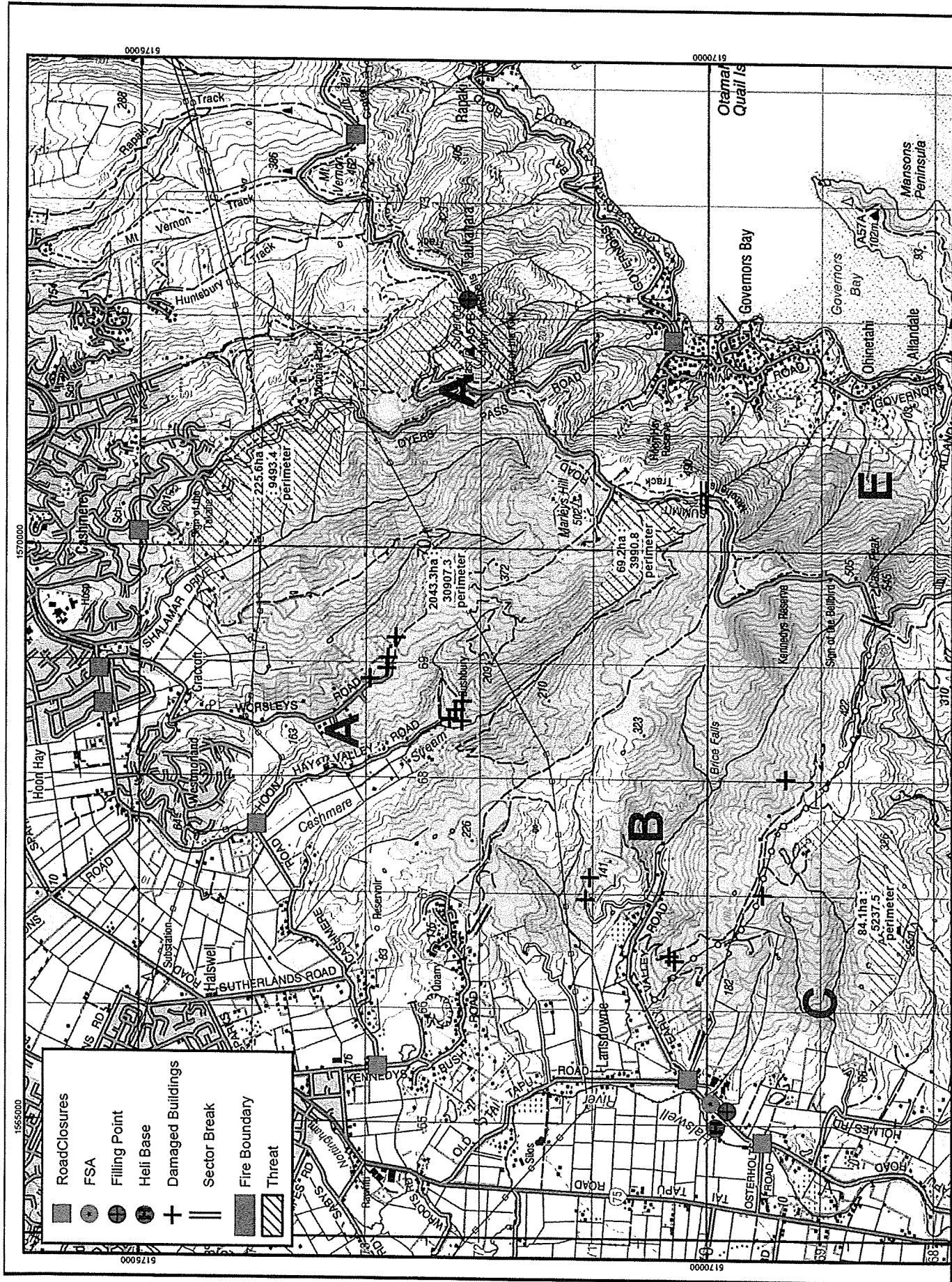
| <b>1. Incident Name</b><br>Port Hill Complex   |  | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                             | <b>SECTOR ASSIGNMENT</b>       |                          |
|--|--|---|-----------------------------|--------------------------------|--------------------------|
| <b>3. Sector</b><br>Bravo  | <b>4. Description</b><br>Early Valley area |   | <b>5. Division Assigned</b> |                                |                          |
| <b>6. Sector Supervisor</b><br>Al Hutt   |  | <b>Affiliation</b><br>DOC                                       | <b>Phone</b>                | <b>Radio Ch</b><br>FIRE3 + 164 |                          |
| <b>7. Resources Assigned this period</b>   |  |   |                             |                                |                          |
| <b>Resource/Crew</b>   | <b>Leader</b>                              | <b># Persons</b>  | <b>Transp ort Requir ed</b> | <b>Drop-off Point/time</b>     | <b>Pickup Point/time</b> |
| Crew 1- HCFT   |  | 5   |                             |                                |                          |
| Crew 4- Darfield VRFF  |  | 10  |                             |                                |                          |
| Crew 5 - HEB x 4   |  | 4   |                             |                                |                          |
| Crew 6 -Maekerikeri Silviculture x 4 + chainsaws   |  | 4   |                             |                                |                          |
| Safety – Steve Ochsner   |  |   |                             |                                |                          |
| <b>8. Sector Assignment / Special Instructions</b>   |  |   |                             |                                |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Patrol road edge, prevent from crossing road.<br>Prevent fire breaching retardant line. |  |   |                             |                                |                          |
| <b>9. Sector Communications</b><br><i>Ch</i>   |  | <b>Phone</b>  | <b>Radio</b>                |                                |                          |
| Air Attack Supervisor  | Dean Turner AAS<br>Atila deOliveria ASS    |   | FIRE4                       |                                |                          |
| Safety Officer   | Graeme Knight<br>Safety – Steve Oschner    |   |                             |                                |                          |
| <b>10. Prepared By:</b>  | Bruce Jane                                 | Date/Time 16/02/2017 / 2000                                     |                             |                                |                          |

C

| <b>1. Incident Name</b><br>Port Hill Complex  |   | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                           | <b>SECTOR ASSIGNMENT</b>    |                          |
|---|---|---|---------------------------|-----------------------------|--------------------------|
| <b>3. Sector</b><br>Charlie   | <b>4. Description</b><br>Early Valley Right Flank |   |                           | <b>5. Division Assigned</b> |                          |
| <b>6. Sector Supervisor</b><br>Dale Wilhelm   |   | <b>Affiliation</b><br>CCL                                       | <b>Phone</b>              | <b>Radio Ch</b><br>FIRE3    |                          |
| <b>7. Resources Assigned this period</b>  |   |   |                           |                             |                          |
| <b>Resource/Crew</b>  | <b>Leader</b>                                     | <b># Persons</b>  | <b>Transport Required</b> | <b>Drop-off Point/time</b>  | <b>Pickup Point/time</b> |
| Bill Stevenson Heavy Machinery  |   |   |                           |                             |                          |
| Crew 1- Bottle Lake   |   | 5   |                           |                             |                          |
| Crew 2- ECan  |   | 6   |                           |                             |                          |
| Crew 4 – Hurunui  |   | 6   |                           |                             |                          |
| Crew 5 – Hurunui  |   | 6   |                           |                             |                          |
|   |   |   |                           |                             |                          |
| <b>8. Sector Assignment / Special Instructions</b>  |   |   |                           |                             |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Run hose lines.<br>Patrol Summit Road, assist with fire break being pushed right up to Summit Road<br>Direct attack as required. |   |   |                           |                             |                          |
| <b>9. Sector Communications</b>   |   | <b>Phone</b>  | <b>Radio Ch</b>           |                             |                          |
| Air Support Supervisor  | Dean Turner AAS<br>Atila deOliveria ASS           |   |                           |                             | Fire4                    |
| Safety Officer  | Graeme Knight                                     |   |                           |                             |                          |
| <b>10. Prepared By:</b>   | Bruce Jane  |   |                           | Date/Time 16/02/2017 / 2000 |                          |



|   |                  |   |                            |  |                  |                 |  |
|---|------------------|---|----------------------------|--|------------------|-----------------|--|
| <b>1. Incident Name</b><br>Port Hills Complex   |                  | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                            | <b>MEDICAL PLAN</b>                        |                  |                 |  |
| <b>3. First Aid Station Name</b>  |                  | <b>Location</b>   | <b>Phone/Radio Channel</b> | <b>Paramedics available at Station</b>     |                  |                 |  |
| Stu   |                  |   |                            |  |                  |                 |  |
| Kurt  |                  |   |                            |  |                  |                 |  |
| Paddy   |                  |   |                            |  |                  |                 |  |
| Fiona   |                  |   |                            |  |                  |                 |  |
| <b>4. Transportation Ambulance Service</b>  |                  | <b>Address</b>  | <b>Phone/Radio Channel</b> | <b>Paramedics available with Ambulance</b> |                  |                 |  |
| Westpac Rescue Helicopter   |                  | 515 Memorial Ave  | 03 358 244                 |  |                  |                 |  |
|   |                  |   |                            |  |                  |                 |  |
| <b>5. Hospitals</b>   |                  | <b>Address</b>  | <b>Phone</b>               | <b>Travel Time</b>                         | <b>Burn Unit</b> | <b>Heli Pad</b> |  |
| Christchurch Public Hospital  | Hagley Park      | 03 264 0640   | 1 hr                       | 20 min                                     |                  |                 |  |
| Burwood Hospital  | 300 Burwood Road | 03 383 6836   | 1.5 hr                     | 30 min                                     |                  |                 |  |
| CDHB HPO Matt Willoughby  | DDI 03 378 6733  |   |                            |  |                  |                 |  |
|   |                  |   |                            |  |                  |                 |  |
| <b>6. Special Emergency Procedures</b><br>Notify line supervisor immediately in the event of injury or emergency call being made. |                  |   |                            |  |                  |                 |  |
| <b>7. Prepared By:</b>  |                  | Don Geddes  |                            | Date/Time 16/02/17 / 2000hrs               |                  |                 |  |
| <b>8. Reviewed by Safety Officer:</b>   |                  | Graeme Knight   |                            | Date/Time 16/02/17 / 2000hrs               |                  |                 |  |



## Port Hills Complex - Fire Breakout Behaviour Scenarios – Part 2

Prepared: Thu. 16<sup>th</sup> February 2017, 1700 hrs

Fuel types include: Cured grass, gorse and regenerating native scrub, mixed age exotic plantations.

Fire behaviour calculations based on late-afternoon weather and FWI conditions 16 Feb. 2017

Wind speed: 30 km/h average ENE

Noon FFMC: 90, Hourly FFMC (1600h): 90.0, Hourly ISI: 19, BUI: 99

Slopes: range from flat to 20+ deg, average +/- 15 deg

Upslope SCF: 1.9-2.3, Flat SCF: 1.0, Backing SCF: 0.3-0.4

### 1) Below Dyers Rd (Adventure Park)

Mature pine plantation: NB. all pine fires exhibit crown fire potential

|                             |              |                               |        |
|-----------------------------|--------------|-------------------------------|--------|
| Flat:                       | ROS 940 m/h, | AFL 26 t/ha, HFI 12,300 kW/m, | FL 6 m |
| Flanking (cross-slope)      | 470 m/h,     | 6,000 kW/m,                   | 4.5 m  |
| Upslope:                    | 1790 m/h,    | 23,500 kW/m,                  | 8 m    |
| Backing upslope (into wind) | 360 m/h,     | 4,800 kW/m,                   | 3.5 m  |

Distance to Dyers Rd approx. 700 m

### 2) Adventure Park to Worsleys Rd (below Shalamar Dr)

Grazed grass (100% cured, 0.3 m tall, 70% cover):

|       |               |                             |        |
|-------|---------------|-----------------------------|--------|
| Flat: | ROS 3730 m/h, | AFL 3 t/ha, HFI 5,300 kW/m, | FL 4 m |
|-------|---------------|-----------------------------|--------|

Distance to Worsleys Rd approx. 700 m

### 3) Below Dyers Rd (Shalamar Rd to Sign of the Kiwi)

Hardwood scrub (2 m tall):

|                             |               |                               |          |
|-----------------------------|---------------|-------------------------------|----------|
| Flat:                       | ROS 1945 m/h, | AFL 15 t/ha, HFI 14,400 kW/m, | FL 6.5 m |
| Flanking (cross-slope)      | 1000 m/h,     | 7,000 kW/m,                   | 4.5 m    |
| Upslope:                    | 4470 m/h,     | 33,000 kW/m,                  | 9.5 m    |
| Backing upslope (into wind) | 600 m/h,      | 4,500 kW/m,                   | 3.5 m    |

Distance to Dyers Rd approx. 400 m

## **Smoke Hazard**

**Issued:** 2000hrs, Feb 16<sup>th</sup> 2017

**Prediction period:** Thursday, 16<sup>th</sup> Feb to Saturday, 18<sup>th</sup> Feb

Despite the reduced fire activity, smoke hazard still remains high.

- Smoke modelling for the Port Hills fire indicates the potential for high smoke hazard to public health.
- Smoke hazard levels are highest during daylight hours, especially morning and evening, and decline overnight.
- For this evening and again throughout the day on Friday, likely areas affected include Lincoln and Leeston. Particulate matter concentrations (PM2.5) are close to or exceed safe health levels.
- Smoke hazard is forecasted to decrease on Saturday, but some long range effects are forecasted as far as Timaru.

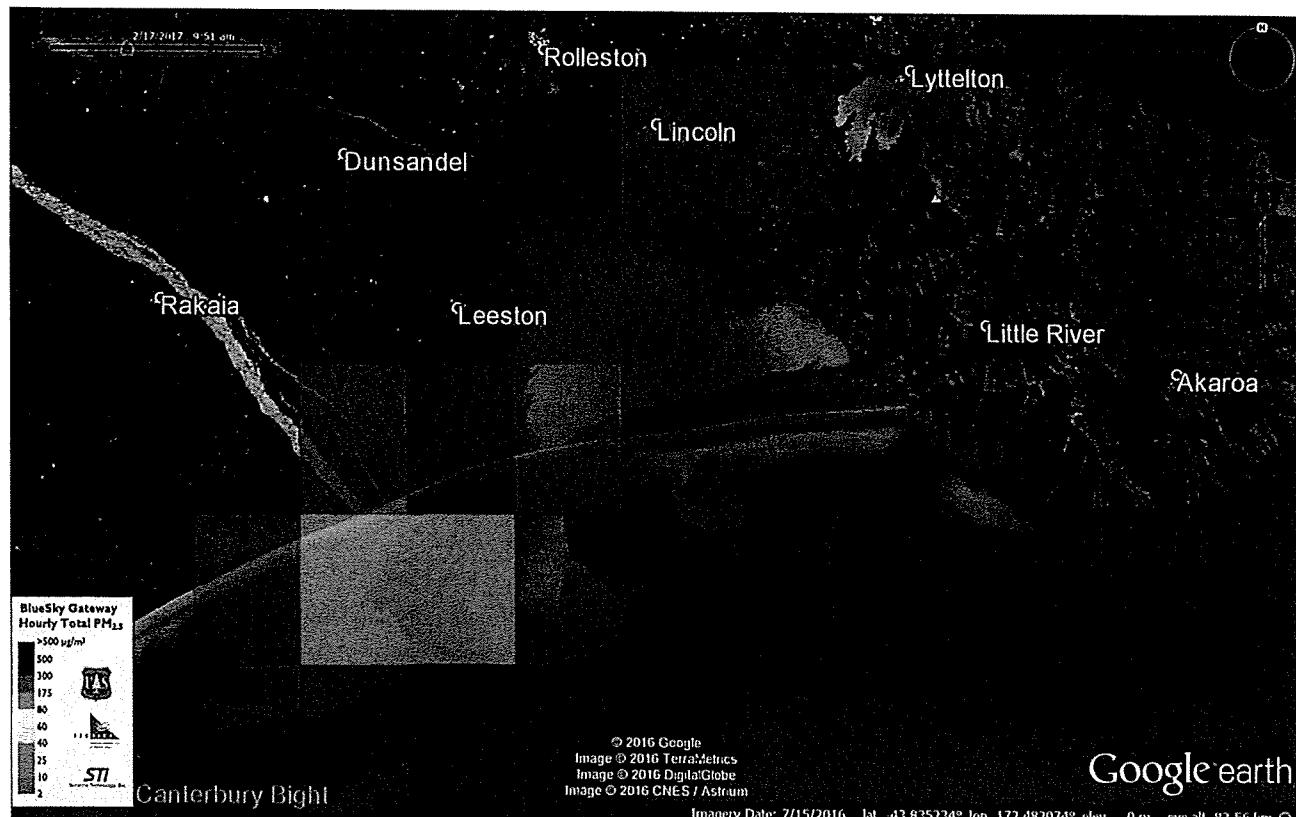


Image: Smoke prediction for Friday 17<sup>th</sup> at 9am.

## Official Information

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**From:** EOC Public Information Management  
**Sent:** Friday, 17 February 2017 6:35 a.m.  
**Subject:** Christchurch Civil Defence Update - 6.25am

### Christchurch Civil Defence Update #17

Thursday 17 February 2017,

#### Update on Port Hills fires -6.25am.

Slightly cooler weather conditions and higher humidity with some light rain having fallen early this morning is welcome relief for emergency services fighting the Port Hills fire in Christchurch..

It has been a quiet night with a few minor flare ups contained by fire crews. Thermal imaging is being used to identify hot spots.

There is a lot of work to do to clean up the whole fire area and this will go on for several days.

Te Hapua Welfare Centre remains open with a small amount of people staying there. Nga Hau E Wha Marae and the Selwyn welfare centre have been closed.

Police cordons are still in place and these areas are still considered dangerous. The situation is being constantly reassessed and we will provide further information as soon as it is available.

Fifteen crew from the United States Coast Guard heavy icebreaker USCGC Polar Star are assisting police and the New Zealand Defence Force in the evacuated areas.

A Defence Force Hercules is expected to arrive in Christchurch from Australia today with fire retardant.

#### Road closure information:

- Cashmere Rd is closed between Hendersons Road and Kaiwara Street.
- Penruddock Rise is also closed at Cashmere Road
- Worsleys Road is closed at Cashmere Road
- Hoon Hay Valley Road is closed at Cashmere Road
- Kennedys Bush Road is closed at Cashmere Road
- Sutherland Road is closed at Cashmere Road
- Worsleys Track from Worleys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road.
- Early Valley Road is closed at Old Tai Tapu Road

## Official Information

---

**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Friday, 17 February 2017 8:06 a.m.  
**To:** EOC Controller  
**Subject:** FW: CORRECTION Port Hills fire update 10pm

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

[REDACTED]

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154



Please consider the environment before printing this email

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**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 10:28 p.m.  
**To:** EOC Public Information Management  
**Subject:** CORRECTION Port Hills fire update 10pm

CORRECTION

The 10pm Port Hills fire contained an error in the number of people evacuated.

The correct number of evacuees is 400 houses and about 1000 people, although there is no way of knowing the full number of people displaced by the fire.

---

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 10:09 p.m.  
**Subject:** Port Hills fire update 10pm

**Christchurch Civil Defence Update #16**

**Thursday 16 February 2017**

**Update on Port Hills Fire 10pm**

**Key points**

- Fifteen crew from United States Coast Guard heavy icebreaker USCGC Polar Star are assisting

- Hercules expected to arrive in Christchurch on Friday from Australia with fire retardant
- The fire covers an area of 2075 hectares
- About 1000 people have been evacuated
- 11 people are staying at the welfare centre at Te Hapua Halswell Centre
- Cordons remain in place with police and Defence Force staff patrolling

Firefighters will use thermal-imaging technology and high-pressure hoses to manage hotspots within the Port Hills fire overnight.

Christchurch Civil Defence controller Dave Adamson said the nearly 400 firefighters working to control the blaze on Thursday had made good progress, helped in part by more favourable weather conditions.

"We have had significant fire breaks created with heavy machinery and the firefighting effort has targeted the perimeter. While there are still areas burning out of control, the fire is contained within the 2075 hectare area.

"What's encouraging is that the weather forecast looks promising for the next two days with high cloud, cooler temperatures and a chance of rain on Saturday. However, the situation remains volatile, as we've seen with some reported flare-ups, including one on Kennedy's Bush Road, so the cordons remain in place to ensure personal safety and security of property."

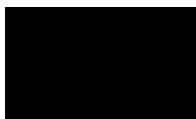
There are 11 people staying at the welfare centre at Te Hapua Halswell Centre.

Fifteen crew from the United States Coast Guard heavy icebreaker USCGC Polar Star are assisting police and the New Zealand Defence Force in the evacuated areas.

Another 31 police are due to arrive in Christchurch on Friday.

Orion reports that as at 7.45pm there were 126 customers still without power. Some supplies are expected to be restored overnight.

**Media contact:**



## Official Information

---

**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Friday, 17 February 2017 8:06 a.m.  
**To:** EOC Controller  
**Subject:** FW: Port Hills fire update 10pm

Kind regards

### Marieke van Genugten

Personal Assistant to John Mackie  
3 Waters and Waste

DDI [REDACTED]  
Email [REDACTED]  
Web [REDACTED]

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154

Please consider the environment before printing this email



---

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 10:09 p.m.  
**Subject:** Port Hills fire update 10pm

### Christchurch Civil Defence Update #16

**Thursday 16 February 2017**

**Update on Port Hills Fire 10pm**

#### Key points

- Fifteen crew from United States Coast Guard heavy icebreaker USCGC Polar Star are assisting
- Hercules expected to arrive in Christchurch on Friday from Australia with fire retardant
- The fire covers an area of 2075 hectares
- 2850 people have been evacuated
- 11 people are staying at the welfare centre at Te Hapua Halswell Centre
- Cordons remain in place with police and Defence Force staff patrolling

Firefighters will use thermal-imaging technology and high-pressure hoses to manage hotspots within the Port Hills fire overnight.

Christchurch Civil Defence controller Dave Adamson said the nearly 400 firefighters working to control the blaze on Thursday had made good progress, helped in part by more favourable weather conditions.

"We have had significant fire breaks created with heavy machinery and the firefighting effort has targeted the perimeter. While there are still areas burning out of control, the fire is contained within the 2075 hectare area."

"What's encouraging is that the weather forecast looks promising for the next two days with high cloud, cooler temperatures and a chance of rain on Saturday. However, the situation remains volatile, as we've seen with some reported flare-ups, including one on Kennedy's Bush Road, so the cordons remain in place to ensure personal safety and security of property."

There are 11 people staying at the welfare centre at Te Hapua Halswell Centre.

Fifteen crew from the United States Coast Guard heavy icebreaker USCGC Polar Star are assisting police and the New Zealand Defence Force in the evacuated areas.

Another 31 police are due to arrive in Christchurch on Friday.

Orion reports that as at 7.45pm there were 126 customers still without power. Some supplies are expected to be restored overnight.

**Media contact:**

027 505 3476

## Official Information

---

**From:** van Genugten, Marieke on behalf of Mackie, John  
**Sent:** Friday, 17 February 2017 8:06 a.m.  
**To:** EOC Controller  
**Subject:** FW: Update on Port Hills Fire 7.30pm  
**Attachments:** Christchurch Civil Defence Update 15 V2.docx

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

DDI  
Email  
Web

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154

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**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 7:24 p.m.  
**Subject:** Update on Port Hills Fire 7.30pm

### Christchurch Civil Defence Update #15

**Thursday 16 February 2017**

**Update on Port Hills Fire 7.30pm**

#### Key points

- United States Coast Guard heavy icebreaker USCGC Polar Star offers to help
- Hercules heads to Australia to collect fire retardant
- 14 helicopters and 3 fixed wing aircraft were used today
- Special fire pods are being used to shoot high-pressure water into the ground to extinguish roots burning below the surface
- Almost 400 people have been on the ground fighting the blaze
- Efforts are focused on controlling the fire – it is not possible to assess the status of individual properties at this stage
- Cordons remain in place with police and Defence Force staff patrolling

Offers of assistance have been received from the United States and Australia to support the Port Hills fire response.

Christchurch Civil Defence controller Dave Adamson welcomed the offer of assistance.

Air Commodore Kevin McEvoy, the Acting Commander Joint Forces New Zealand, said an Air Force C-130 Hercules strategic airlift aircraft left for Australia this afternoon to pick up five pallets of firefighting foam and other fire-retardant materials.

A detachable fire pod is also being shipped from Wellington this evening, in addition to the four NZDF fire pods currently being used to fight the Christchurch fires. The pods can be transported on a variety of vehicles and use an ultra high-pressure hose with a pointed nozzle that can pierce the ground and douse burning roots.

An additional fire response team made up of four experienced firefighters has been sent to join the six Army firefighters currently working with Selwyn fire authorities.

Mr Adamson said emergency services recognise that many of the residents evacuated are concerned about the condition of their properties in the fire zone and are anxious to return home. At this stage the Emergency Operations Centre has received no information about the status of individual homes.

Much of the area behind cordons is very dangerous and the priority for all agencies is to get the fire under control.

Firefighters are working on the ground and from the air, doing everything possible to keep the fire away from houses.

"Police have advised that it is expected that a large number of homes will have suffered damage from smoke, heat and fire. The number of damaged homes in total will not be known until the fire emergency has ended.

"We are aware that this is an extremely anxious time for residents who have had to leave their homes and we are working with other agencies to arrange for this information to be passed on to homeowners in the affected areas as soon as the information becomes available."

Police have advised that all current cordons will remain in place tonight and into tomorrow. Police say that residents who chose to remain behind the cordons now have a special provision to exit the cordons and return. To re-enter they must register at the cordon point and provide photo identification. They must also carry documentation proving their occupancy such as a bill or rates invoice.

### **Power supply**

Around 128 customers remain without power in the Port Hills area. The power supply has been maintained to the rest of the city throughout the day, and Orion continues to closely monitor Christchurch's power supply and respond to any issues arising as a result of the fires continuing in the Port Hills.

Lines in the fire affected area in the Port Hills remain off grid, and power continues to be rerouted, including through Orion's new underground, Northern Loop cable.

Orion asks residents and businesses to conserve power where ever possible, to reduce the load on the network while it is in contingency mode.

It is possible that there will be further outages until the fires are fully extinguished. Orion urges residents in the Port Hills area to take particular care around electricity at this time.

For updates on power outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

### **Welfare**

The teams providing welfare support are truly grateful for offers of help for services, but there is no need at the moment – the teams are well-resourced.

People can call 0800 777 846 for support and general practice medical centres are open for those who feel unwell or unable to cope. It is normal to feel anxious or stressed during abnormal events, and talking about how you feel to someone you trust can help. Advice can be found online at:

<http://allright.org.nz/articles/practical-tips-coping-disaster/>

<https://www.facebook.com/allrightnz/?fref=ts>

People with financial needs can contact Work and Income (0800 559 009) or go into any site in Christchurch. Civil Defence payments are available, more information can be found here:

<https://www.workandincome.govt.nz/about-work-and-income/news/2017/2017/christchurch-fires.html>

### **Firefighting efforts**

More than 390 firefighters have been fighting the fire today, including 26 rural fire crews with more than 200 personnel between them. The fire service has 62 crews with 190 pumps and tankers, and more than 160 firefighters on the ground.

The fire service is asking people to stay away from the area so that the fire crews can do their work safely. The terrain is difficult and challenging, posing a risk to firefighters.

There are 14 helicopters flying and three fixed wing aircraft on the scene.

### **Fire ban**

National Rural Fire Authority has put a total fire ban in place from South Canterbury to Hurunui.

### **Road closures**

- Cashmere Rd is closed between Hendersons Rd and Kaiwara St.
- Penruddock Rise is also closed at Cashmere Rd
- Worsleys Rd is closed at Cashmere Rd
- Hoon Hay Valley Rd is closed at Cashmere
- Kennedys Bush Road is closed at Cashmere Rd
- Sutherland Road is closed at Cashmere Rd
- Worsleys Track from Worlseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road.
- Early Valley Road is closed at Old Tai Tapu Rd

## **Christchurch Civil Defence Update #13**

**Thursday 16 February 2017**

**Update on Port Hills Fire 7.30pm**

### **Key points**

- United States Coast Guard heavy icebreaker USCGC Polar Star offers to help
- Hercules heads to Australia to collect fire retardant
- 14 helicopters and 3 fixed wing aircraft were used today
- Special fire pods are being used to shoot high-pressure water into the ground to extinguish roots burning below the surface
- Almost 400 people have been on the ground fighting the blaze
- Efforts are focused on controlling the fire – it is not possible to assess the status of individual properties at this stage
- Cordon remain in place with police and Defence Force staff patrolling

Offers of assistance have been received from the United States and Australia to support the Port Hills fire response.

Christchurch Civil Defence controller Dave Adamson welcomed the offer of assistance.

Air Commodore Kevin McEvoy, the Acting Commander Joint Forces New Zealand, said an Air Force C-130 Hercules strategic airlift aircraft left for Australia this afternoon to pick up five pallets of firefighting foam and other fire-retardant materials.

A detachable fire pod is also being shipped from Wellington this evening, in addition to the four NZDF fire pods currently being used to fight the Christchurch fires. The pods can be transported on a variety of vehicles and use an ultra high-pressure hose with a pointed nozzle that can pierce the ground and douse burning roots.

An additional fire response team made up of four experienced firefighters has been sent to join the six Army firefighters currently working with Selwyn fire authorities.

Mr Adamson said emergency services recognise that many of the residents evacuated are concerned about the condition of their properties in the fire zone and are anxious to return home. At this stage the Emergency Operations Centre has received no information about the status of individual homes.

Much of the area behind cordons is very dangerous and the priority for all agencies is to get the fire under control.

Firefighters are working on the ground and from the air, doing everything possible to keep the fire away from houses.

“Police have advised that it is expected that a large number of homes will have suffered damage from smoke, heat and fire. The number of damaged homes in total will not be known until the fire emergency has ended.

“We are aware that this is an extremely anxious time for residents who have had to leave their homes and we are working with other agencies to arrange for this information to be passed on to homeowners in the affected areas as soon as the information becomes available.”

Police have advised that all current cordons will remain in place tonight and into tomorrow. Police say that residents who chose to remain behind the cordons now have a special provision to exit the

cordons and return. To re-enter they must register at the cordon point and provide photo identification. They must also carry documentation proving their occupancy such as a bill or rates invoice.

### **Power supply**

Around 128 customers remain without power in the Port Hills area. The power supply has been maintained to the rest of the city throughout the day, and Orion continues to closely monitor Christchurch's power supply and respond to any issues arising as a result of the fires continuing in the Port Hills.

Lines in the fire affected area in the Port Hills remain off grid, and power continues to be rerouted, including through Orion's new underground, Northern Loop cable.

Orion asks residents and businesses to conserve power where ever possible, to reduce the load on the network while it is in contingency mode.

It is possible that there will be further outages until the fires are fully extinguished. Orion urges residents in the Port Hills area to take particular care around electricity at this time.

For updates on power outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

### **Welfare**

The teams providing welfare support are truly grateful for offers of help for services, but there is no need at the moment – the teams are well-resourced.

People can call 0800 777 846 for support and general practice medical centres are open for those who feel unwell or unable to cope. It is normal to feel anxious or stressed during abnormal events, and talking about how you feel to someone you trust can help. Advice can be found online at:

<http://allright.org.nz/articles/practical-tips-coping-disaster/>

<https://www.facebook.com/allrightnz/?fref=ts>

People with financial needs can contact Work and Income (0800 559 009) or go into any site in Christchurch. Civil Defence payments are available, more information can be found here:

<https://www.workandincome.govt.nz/about-work-and-income/news/2017/2017/christchurch-fires.html>

### **Firefighting efforts**

More than 390 firefighters have been fighting the fire today, including 26 rural fire crews with more than 200 personnel between them. The fire service has 62 crews with 190 pumps and tankers, and more than 160 firefighters on the ground.

The fire service is asking people to stay away from the area so that the fire crews can do their work safely. The terrain is difficult and challenging, posing a risk to firefighters.

There are 14 helicopters flying and three fixed wing aircraft on the scene.

#### **Fire ban**

National Rural Fire Authority has put a total fire ban in place from South Canterbury to Hurunui.

#### **Road closures**

- Cashmere Rd is closed between Hendersons Rd and Kaiwara St.
- Penruddock Rise is also closed at Cashmere Rd
- Worsleys Rd is closed at Cashmere Rd
- Hoon Hay Valley Rd is closed at Cashmere
- Kennedys Bush Road is closed at Cashmere Rd
- Sutherland Road is closed at Cashmere Rd
- Worsleys Track from Worseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road.
- Early Valley Road is closed at Old Tai Tapu Rd

## Official Information

---

**From:** EOC Controller  
**Sent:** Friday, 17 February 2017 2:16 a.m.  
**To:** operations@selwyn.govt.nz; [REDACTED]  
**Subject:** Situation Update

Good Morning

As we move into NZ waking up we have a number of news requests lined up. It would be appreciated if we could get an update on what has happened over night plus any messages you wish to push as we go to air. If the night has been quite we would like to know this as well.

We would also appreciate any comments you have regarding plans and action proposed for today

We have deadlines so it would be great if we could get any info through by 3.30am

Cheers

David

## Official Information

---

**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 8:33 p.m.  
**To:** [REDACTED]  
**Subject:** FW: Cordon wording

**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 8:30 p.m.  
**To:** EOC Public Information Management; CDEM Canterbury  
**Subject:** Cordon wording

Cordons are being proactively managed to ensure personal safety and security of property. Authorities are looking at developing a rigorous process to manage any special needs access and the cordons eventual reduction and removal.

Wording as confirmed and agreed with by the controller.

## Official Information

---

**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 1:17 p.m.  
**To:** EOC Welfare  
**Subject:** RE: Horses on Early Valley Road URGENT

Happy to approve

John Mackie  
Controller

---

**From:** EOC Welfare  
**Sent:** Thursday, 16 February 2017 12:14 p.m.  
**To:** EOC Controller  
**Subject:** FW: Horses on Early Valley Road URGENT  
**Importance:** High

For your urgent approval.

Please let us know when approval has been granted so we can pass the information onto the Police.

Thanks

---

**From:** EOC Welfare  
**Sent:** Thursday, 16 February 2017 11:50 a.m.  
**To:** EOC Operations  
**Subject:** FW: Horses on Early Valley Road URGENT  
**Importance:** High

Hi Again,

We really need the police to contact the SPCA to save these horses please urgent.

Thanks

---

**From:** EOC Welfare  
**Sent:** Thursday, 16 February 2017 9:56 a.m.  
**To:** EOC Operations  
**Subject:** FW: Horses on Early Valley Road

Hi.

Just had a message from the Welfare Manager. There are horses in Early Valley Road. SPCA are coordinating the response but need access. Could you please arrange for a police escort.

Details are below.

Thanks

Kind Regards

<< OLE Object: Picture (Device  
Independent Bitmap) >>

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**From:**  
Vincent,  
Mark  
**Sent:**  
Thursday, 16  
February  
2017 8:40  
a.m.  
**To:** EOC  
Welfare

**Subject:** RE: Horses on Early Valley Road

Hey Mate

SPCA are coordinating the recovery of these horses, not CCC. If they can get assess with Police/CDEM approval.

Can they get that approval???

---

**From:** EOC Welfare  
**Sent:** Thursday, 16 February 2017 8:22 a.m.  
**To:** Vincent, Mark  
**Subject:** FW: Horses on Early Valley Road

Hi Mark

I will give you a call mate.

Matt

---

**From:** Stewart, Hayley  
**Sent:** Thursday, 16 February 2017 8:19 a.m.  
**To:** EOC Welfare  
**Subject:** Horses on Early Valley Road

Hi Cindy,

Thanks for helping,

SPCA person is [REDACTED] It is 2 horses and 1 pony, in the field opposite 4 Early Valley Road.

## Official Information

---

**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 1:07 p.m.  
**To:** EOC Intelligence  
**Subject:** RE: CCCEOCSitrep 4 ( Draft) - Port Hills Fires

Hi

This is approved and ready to go.

Cheers Marieke

**From:** EOC Intelligence  
**Sent:** Thursday, 16 February 2017 11:55 a.m.  
**To:** EOC Controller  
**Subject:** CCCEOCSitrep 4 ( Draft) - Port Hills Fires

## Official Information

---

**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 11:46 a.m.  
**To:** EOC Public Information Management  
**Subject:** FW: Port Hills fires...

FYI

**From:** van Genugten, Marieke On Behalf Of Mackie, John  
**Sent:** Thursday, 16 February 2017 11:40 a.m.  
**To:** EOC Controller  
**Subject:** FW: Port Hills fires...

Kind regards

**Marieke van Genugten**

Personal Assistant to John Mackie  
3 Waters and Waste

DDI  
Fax  
Mobile  
Email  
Web

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73011, Christchurch, 8154

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**From:** Mark Doyle (FRL) [REDACTED]  
**Sent:** Thursday, 16 February 2017 11:32 a.m.  
**To:** Mackie, John  
**Subject:** Port Hills fires...

Hi John,  
Just wanted to say keep up the good work with the fire fight.  
I got our guys to drop in lots of bottled water, bread, biccies, bananas etc in to the emergency centre at Te Hapua this morning.

All the best!  
Mark

Mark Doyle  
Community and Stakeholder Manager

Fletcher Living

## **Official Information**

---

**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 8:20 a.m.  
**To:** Swiggs, Deon  
**Subject:** RE: Eoc contact

Good morning Deon

The EOC for the fire is physically located in Rolleston, 2 Norman Kirk Drive. Douglas Marshal is the Principal Rural Fire Officer and the contact details are #3472740. Canterbury Regional Controller is Neville Reilly.

Regards  
John Mackie Controller

**From:** Swiggs, Deon  
**Sent:** Thursday, 16 February 2017 8:11 a.m.  
**To:** EOC Controller  
**Subject:** Eoc contact

Hi there.

Where is the eoc physically located for the fire. And what's the contact details.

Deon Swiggs  
Councillor - Central  
Christchurch City Council  
0275794447

sent from Samsung Galaxy

## Official Information

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**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 11:01 a.m.  
**To:** Swiggs, Deon  
**Subject:** RE: Eoc contact

Good morning Deon

A recent media update release has been issued and the map has been updated on the City Council Facebook.

Regular updates are being provided to Councillors by the Public Information Managers.

Regards  
Marieke van Genuchten, PA to Controller

**From:** Swiggs, Deon  
**Sent:** Thursday, 16 February 2017 9:58 a.m.  
**To:** EOC Controller  
**Subject:** RE: Eoc contact

Thank you John.

Has there been a sitrep update. And is there an updated map of the burn area.

Deon Swiggs  
Councillor - Central  
Christchurch City Council  
0275794447

sent from Samsung Galaxy

On Thu, Feb 16, 2017 at 8:20 AM +1300, "EOC Controller" <[eoc.controller@ccc.govt.nz](mailto:eoc.controller@ccc.govt.nz)> wrote:

Good morning Deon

The EOC for the fire is physically located in Rolleston, 2 Norman Kirk Drive. Douglas Marshal is the Principal Rural Fire Officer and the contact details are [REDACTED] Canterbury Regional Controller is Neville Reilly.

Regards  
John Mackie Controller

**From:** Swiggs, Deon  
**Sent:** Thursday, 16 February 2017 8:11 a.m.  
**To:** EOC Controller  
**Subject:** Eoc contact

## **Official Information**

---

**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 7:43 a.m.  
**To:** Mills, Beverley  
**Subject:** FW: Civil Defence Update #9, 16 February 2017, 4.55am

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 5:07 a.m.  
**To:** EOC Controller  
**Subject:** FW: Civil Defence Update #9, 16 February 2017, 4.55am

**From:** EOC Public Information Management  
**Sent:** Thursday, 16 February 2017 5:00 a.m.  
**Subject:** Civil Defence Update #9, 16 February 2017, 4.55am

### **Christchurch Civil Defence Update #9**

**Thursday 16 February 2017**

**Update on Port Hills Fire 4.55am**

#### **FURTHER EVACUATIONS**

Police are now evacuating residents downhill of the Sign of the Takahe on Dyers Pass Road as far as and including Kiteroa Place and Pentre Terrace.

Residents will be contact directly by police who are in the area now knocking on doors. If you feel unsafe, you are advised to self-evacuate.

Police have continued to express concerns about traffic and people in the area and directed all non-residents to stay away, keeping it clear for emergency services.

## Official Information

---

**From:** EOC Controller  
**Sent:** Thursday, 16 February 2017 2:13 a.m.  
**To:** Janelle Mackie  
**Subject:** RE: For PIM message

Hi

Any sign of a map?

David

**From:** Janelle Mackie [mailto:]  
**Sent:** Thursday, 16 February 2017 1:44 a.m.  
**To:** EOC Controller  
**Subject:** For PIM message

Hi Dave

For PIM messages about level of overnight support...for public reassurance

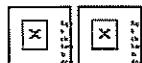
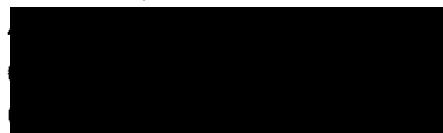
There is additional 86 staff made up of 50 NZ Police and 36 NZDF personnel working overnight specifically on the Port Hills fire response. They are doing evacuations, joint patrols and reassurance in the areas impacted by the fires.

Hope that helps

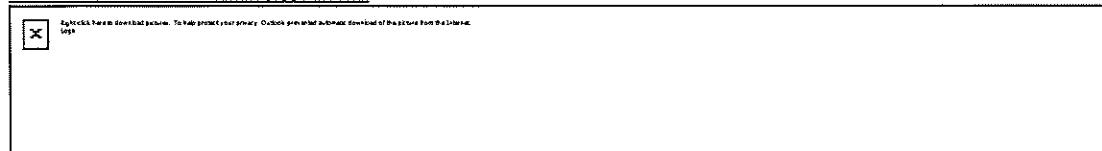
Janelle

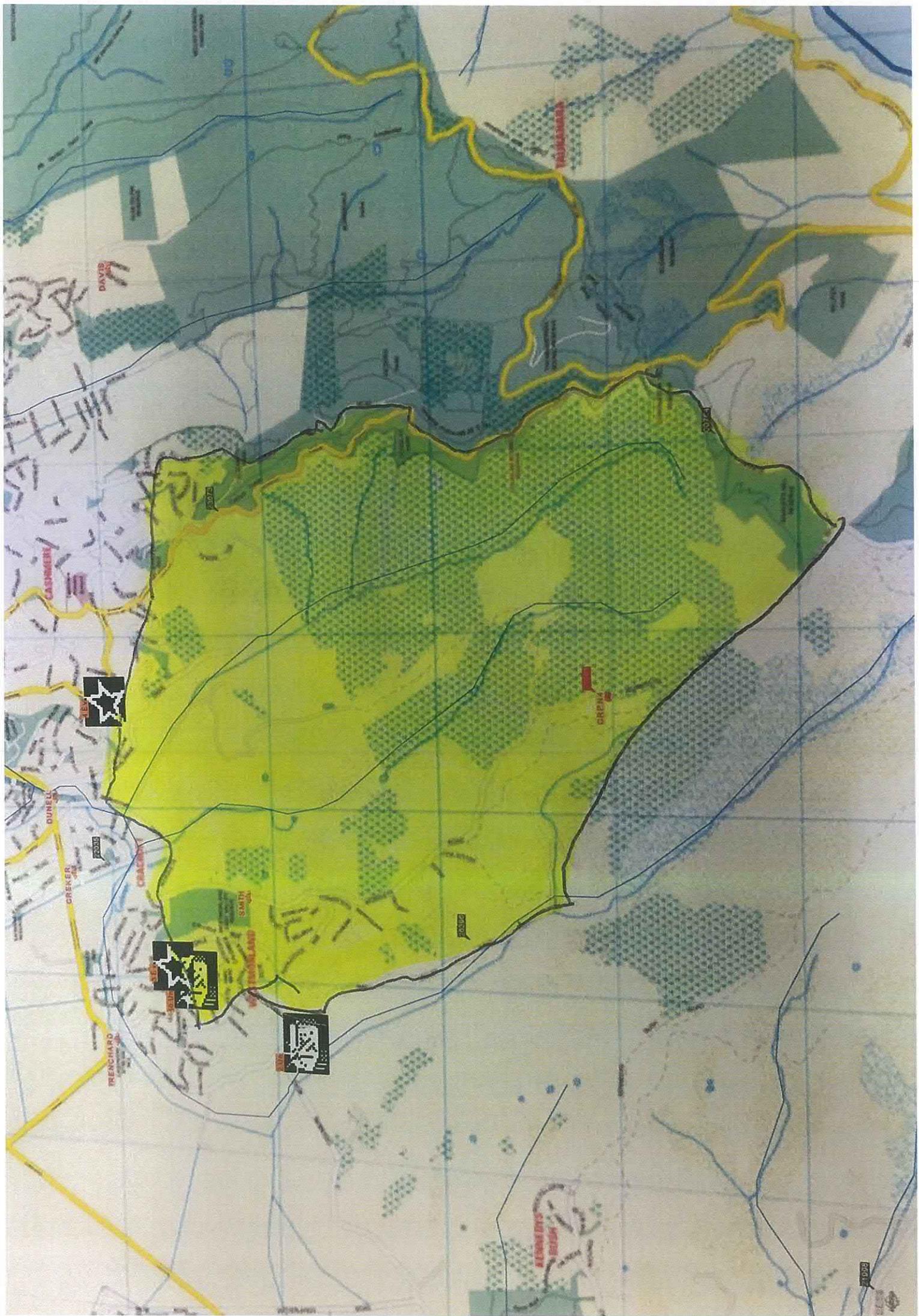
Janelle Mackie

Emergency Management Advisor - Training & Development  
Regional Emergency Management Office  
Canterbury Civil Defence Emergency Management Group  
PO Box 345, Christchurch 8140



[www.cdemcanterbury.govt.nz](http://www.cdemcanterbury.govt.nz)





## Official Information

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**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 10:25 p.m.  
**To:** [REDACTED]  
**Subject:** EOC Control Meeting Port Hills fire response 15 February 9.40pm  
**Attachments:** EOC Control Meeting Port Hills fire response 15 February 9.40pm.docx

Notes from meeting at 9.45am.

## **EOC Control Meeting Port Hills fire response**

**Wednesday 15 February, 9.45pm**

### **Attendees:**

- Leanne Dalziel
- David Adamson
- Alicia Palmer
- Simon Chambers
- James Thompson
- Neville Reilly
- Di Keenan
- Ariana Smith
- Mary Richardson
- Marieke van Genugten (Minutes)

We have been struggling to get information this morning.

Neville, spoken to Marshal. Spoken about the media, got woken up at 3am. He agrees. Arranged to get the Ecan person out tomorrow morning.

Spoken RIMT and Steve Tourak, they set up the regional EOC up there.

Douglas said, there is information on the website, that's the best information they've got, Selwyn website. Andrew over there has found all the maps and they have been sent to EOC here. They are closing down tonight the regional incident team will be closing down. Those question will come to us now, but we won't have this information by tomorrow morning.

The DCC is up and running there but they are changing shifts soon.

Meeting 8.30 in the morning, they all be here.

Simon: visit Minister, priminister isn't coming now. His private secretary is trying to rip a programme together.

Selwyn last update was at 7.30pm it looks like.

Nationally the NCC has started up.

Di: we need a presence overnight. We don't know how to respond, the police will make the call to evacuate but they need to tell us. We probably need someone from each function.

People should get news via the radio, how do we know if to evacuate if we go to bed now. Police need to tell us so we can get a message out.

Is there a text group to get to people? We could use the Red Cross one? Alicia says. Police is the point to start to talk about evacuating.

What time Simon thinks whats happening tomorrow, Leanne asks? Hopefully by 11pm.

How do the police evacuate: door knocks and a media release. Probably sirens too. Staff on the ground at Sign of Takahe. Priority is Cashmere. Mobilise 20 soldiers and 20 ? to evacuate.

Whats your feel about tonight? There will be a lot going to happen tonight. Victoria Park.

Princess Margaret's Hospital, they'll be fine for now. And the rest home up there?

Have you evacuated DCC at police station there? We struggle to get information from there (from Douglas).

It's getting bigger and bigger pretty much.

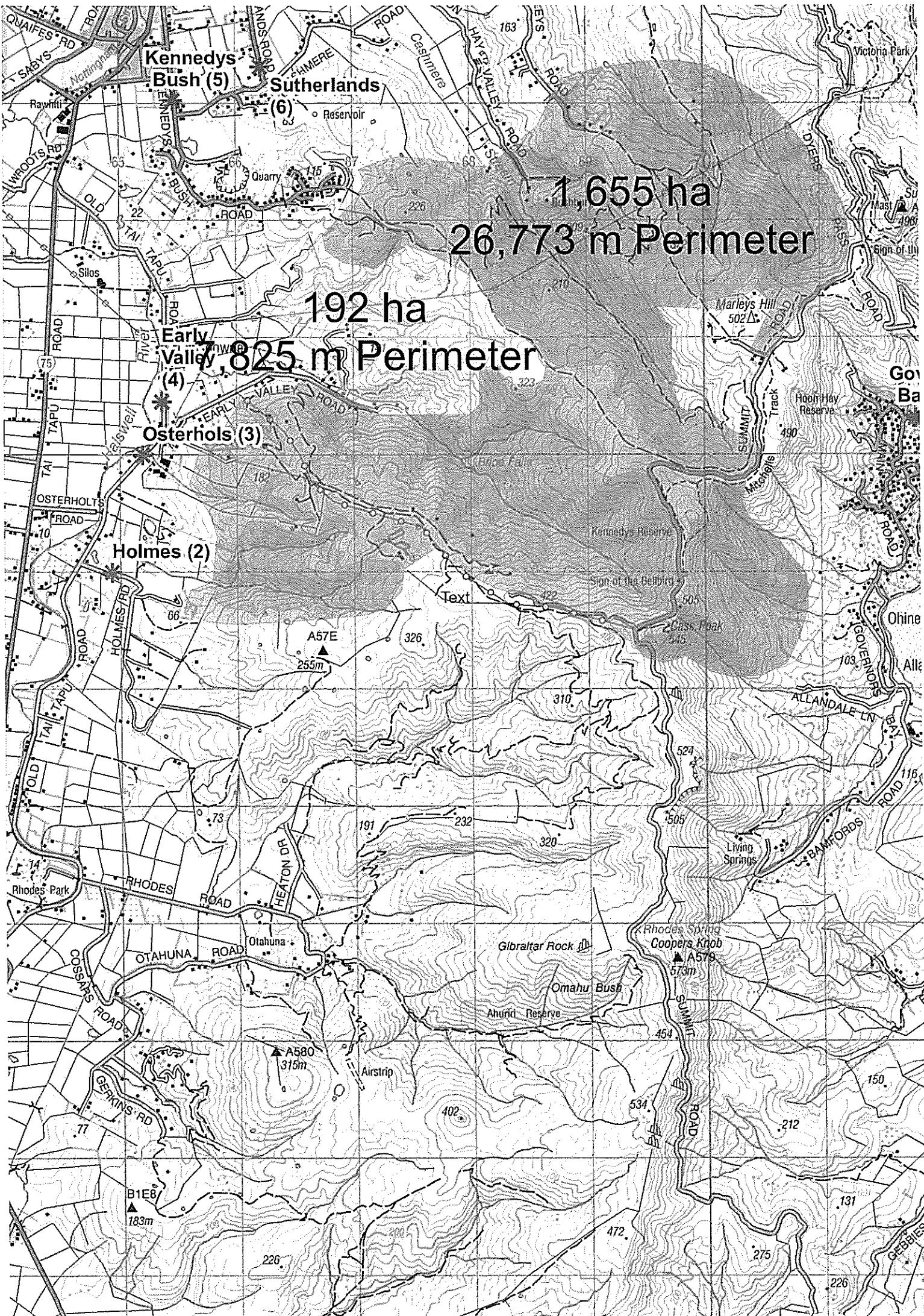
They'll be too busy to send intel reports to us.

In the morning they were pretty certain it was under control but at 12.15pm the wind changed and that should've been the minute everything should've been changed.

Selwyn first, than flight to see the fire and then drop off in Chch and come to the EOC at CCC.

DCC police will be door knocking homes and they'll be assisted. They're either told to go to Halswell or to ?

Selwyn is arranging the helicopter. Meet at Selwyn.



## Official Information

---

**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 5:29 p.m.  
**To:** EOC Selwyn (civildefence@selwyn.govt.nz)  
**Subject:** Regular updates

Good afternoon Douglas

Please can you provide more regular updates for the EOC Controller Christchurch.

Regards  
John Mackie

## **Official Information**

---

**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 12:06 p.m.  
**To:** Councillors and Mayor; Executive Leadership Team; Rutledge, Andrew  
**Cc:** EOC Logistics; EOC Public Information Management; CCC CDEM Duty Officer; Ritchie, Jocelyn; Keenan, Di; Healy, Amanda  
**Subject:** Port Hills Fire Update

Good afternoon,

The Fire Service has advised that residents from Allandale who evacuated overnight are able to return to their homes from midday today.

Residents should be aware that firefighting efforts, including aerial support, is still underway.

The evacuation centre located at Governors Bay school has now closed as residents have left the centre.

We have provided one Public Information Management staff member, and one GIS staff member to the Rolleston Emergency Operations Centre (EOC).

The Christchurch EOC, which opened to support the welfare effort in Governors Bay, will now wind down.

The Civil Defence Duty Officer will continue to monitor communications from the Rolleston EOC.

This will be the final update from the Christchurch EOC.

Please note that these updates remain unofficial and are prepared for your information rather than wider circulation. You can share the official EOC updates through your community contacts.

Regards,

John Mackie  
Controller

## Official Information

---

**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 9:45 a.m.  
**To:** Palmer, Alicia  
**Cc:** Keenan, Di; Kelly, Sarah  
**Subject:** RE: urgent sign off needed

Di,

We're all OK with this.

Regards

John Mackie

**From:** Palmer, Alicia  
**Sent:** Wednesday, 15 February 2017 9:42 a.m.  
**To:** EOC Controller  
**Subject:** FW: urgent sign off needed

Hi John,

Are you happy to sign this off?

Kind regards,

**Alicia Palmer**

**Head of Civil Defence Emergency Management and Rural Fire**  
Civil Defence Emergency Management & Rural Fire Unit

**DDI:** [REDACTED]  
**Mobil** [REDACTED]  
**Email** [REDACTED]  
**Web:** [REDACTED]

**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

**From:** Keenan, Di  
**Sent:** Wednesday, 15 February 2017 9:38 a.m.  
**To:** Palmer, Alicia  
**Cc:** Kelly, Sarah  
**Subject:** urgent sign off needed

Alicia - can you sign this off...it is to go to the PIM at Selwyn who is currently preparing a round-up. Can you include Sarah

Around 107 residents were evacuated from the Allandale area near Governors Bay overnight due to the fire risk. The Christchurch City Council has activated an Emergency Operations Centre to coordinate the welfare operation which includes a welfare centre at the Governors Bay school. The school is closed today.

**Diane Keenan**

Manager



**Christchurch City Council**

Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73014, Christchurch, 8154

Please consider the environment before printing this email



## Official Information

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**From:** EOC Controller  
**Sent:** Wednesday, 15 February 2017 8:27 a.m.  
**To:** Councillors and Mayor; Senior Leaders; Executive Leadership Team; Community Governance Managers; Comm Bd Mbrs (exc Crs)  
**Cc:** EOC Public Information Management; EOC Controller  
**Subject:** Civil Defence Update Wednesday 15th February: 8.20am

Good morning all,

This is the first of what will be regular updates to you following the activation of the Emergency Operations Centre (EOC) at around 5.30am today to support the Rolleston EOC response to the fire. Our focus is to support our civil defence volunteers in providing welfare support to evacuated residents. The situation regarding the fire escalated in the early hours of the morning on the Marleys Hill fire. The fire has now progressed downhill through the forest to below the powerlines. It is only about 150m from the Sign of the Kiwi.

Our activation follows the evacuation of around 107 residents from the Allandale area near Governors Bay due to the fire risk. Many of these residents recognising the risk from the approaching fire evacuated themselves. We have set up a welfare centre at the Governors Bay school and staff and volunteers are currently looking after residents at this centre. The school is closed today. Looking after these residents, including finding a temporary home for one family, is our current focus. The community is rallying to provide support, for example Una from She Chocolate at Governors Bay is providing free coffees and breakfast for the evacuees and welfare staff in the area.

The Selwyn Emergency Operations Centre is leading the response to the fire. While ground operations continued overnight, helicopters began operating from first light this morning (around 6.15am)

The second fire, the Early Valley Road fire has remained relatively calm overnight.

We have set up our emergency operations centre in the Function Room.

Please note that these updates remain unofficial and are prepared for your information rather than wider circulation. You can share the official EOC updates through your community contacts.

We will continue these updates as we have more to share.

Regards

John Mackie  
Controller

From: Hall, Rob  
Sent: Tuesday, 14 February 2017 7:26 a.m.  
To: Dalziel, Lianne; Edwards, Karleen; Turner, Andrew; Keenan, Di; 'Raf Manji'; Bill Dwyer; Darren Wright; Dr Jane Gregg; Fiona Mules; Matt Russell; Peter Houghton  
Cc: Healy, Amanda; Stewart, James; Clarke, Steve; Lieschke, Joel; Richardson, Liz; Anstiss, Brendan; Silk, Paul; Munro, Paul  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 2 - Tuesday morning

Importance: High

Dear all,

As you would have heard on the news, the fire is yet to be contained. As well as homes and other infrastructure, it remains a threat to the Christchurch Adventure Park (CAP). Smoke has blanketed the top of the bike lifts and flames are currently near the boundary. Hopefully the cooler weather and current still wind will enable the fire to be controlled this morning.

The CAP is closed until further notice.

Warm regards

Rob

**Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd

PO Box 333

Level 1, Building 2

181 High Street, Christchurch

NEW ZEALAND



**DCL**

DCL Core values:- Confidence, Connectedness, Effectiveness and Empowering Our People

---

## Media release

For immediate release

14 February 2017

# Orion services affected by Port Hills fire

The Port Hills fire has impacted services to Orion customers in two areas.

Around 19 power poles have been significantly damaged in **Early Valley Road**, at the back of Tai Tapu Valley in the Halswell area, and 31 customers are without power.

The power poles will require replacement, however access is restricted at present, due to the fire.

Two power poles have been significantly damaged in **Dyers Pass Summit Road** and 19 customers are without power.

As soon as the NZ Fire Service allows safe access to these areas, and contractors are able to fully assess the damage, Orion says replacing the damaged poles will be done as quickly as possible.

Once the damage to the lines is fully assessed, Orion expects to restore services progressively over the next few days.

**ENDS**

Media contact:

Linda McGregor

Communications and Engagement Manager

[Linda.mcgregor@oriongroup.co.nz](mailto:Linda.mcgregor@oriongroup.co.nz)

03 363 9614

From: Dalziel, Lianne  
Sent: Monday, 13 February 2017 9:44 p.m.  
To: Palmer, Alicia  
Subject: Fwd: Port Hills Fire and the Christchurch Adventure Park Update 1  
Attachments: image001.png

This seems to contradict your message

From: "Hall, Rob" [REDACTED]  
Date: 13 February 2017 at 9:41:46 PM NZDT  
To: "Dalziel, Lianne" <[REDACTED]>, "Edwards, Karleen" <[Karleen.Edwards@ccc.govt.nz](mailto:Karleen.Edwards@ccc.govt.nz)>, "Turner, Andrew" <[Andrew.Turner@ccc.govt.nz](mailto:Andrew.Turner@ccc.govt.nz)>, "Keenan, Di" <[REDACTED]>, 'Raf Manji' <[REDACTED]>, Bill Dwyer <[REDACTED]>, Darren Wright <[REDACTED]>, Dr Jane Gregg <[REDACTED]>, Fiona Mules <[REDACTED]>, "Hall, Rob" <[REDACTED]>, Matt Russell <[REDACTED]>, Peter Houghton <[REDACTED]>, Cc: "Healy, Amanda" <[REDACTED]>, "Stewart, James" <[REDACTED]>, "Clarke, Steve" <[REDACTED]>, "Lieschke, Joel" <[REDACTED]>, "Richardson, Liz" <[REDACTED]>, "Anstiss, Brendan" <[REDACTED]>  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 1

Dear all,

We have been monitoring the fire since 5:45pm today. CAP staff are liaising with NZ Fire Service. This evening a second fire front has started on the Summit Road near Sign of the Kiwi and is close to the top of the adventure park, placing the CAP facility at risk. I have nothing further to report at this time but will update in the morning.

Warm regards

Rob  
**Rob Hall**  
Chief Executive Officer  
Development Christchurch Ltd  
[REDACTED]

 cid:image001.png@01D1B599.B1  
208FE0

Please consider the environment before printing this email

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 10:08 a.m.  
To: Councillors and Mayor; Executive Leadership Team  
Cc: Keenan, Di; Ritchie, Jocelyn  
Subject: Update on Port Hills Fire

Importance: High

Good morning,

This email provides an update on the Port Hills fire response, as at 09:38 14/02/2017.

A regional fire response structure has been established to manage the two separate fires; one on Early Valley Road, and one on Summit Road. The first meeting of the Regional Incident Management Team was held this morning, with a full report anticipated within the next hour.

Currently CCC staff, volunteers and contractors are attending the fires.

Aerial operations are underway, with 11 helicopters on site.

It has been confirmed that the fire has burnt into Kennedy's Bush, which is Council land.

There are concerns for communications equipment located at Marley's Hill.

Staff resources are stretched at present.

Sign of the Kiwi is intact.

The fire is close to the top tower at the Christchurch Adventure Park (CAP), and the Regional Incident Management Team is in liaison with CAP.

It has not yet been confirmed if any properties have been lost from the Summit Road fire.

Road closures are still in place: Dyers Road is closed from the top of Hackthorne Road to Governors Bay, and Summit Road is closed through to Gebbies Pass. Road closure information is available through CTOC and Port Hills fire updates can be found here: <http://www.tfc.govt.nz/current-conditions/latest-traffic-updates/port-hills-fire/>

A Pre-Hospital Emergency Care team is being assembled, and three CCC CDEM Response Team volunteers have been provided to support this.

An update from Darrin Woods, Principle Rural Fire Officer is expected this morning, which will provide further detail on the above.

I will provide further updates throughout the day, and if there are any significant changes.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit



Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
Please consider the environment before printing this email

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 10:37 a.m.  
To: Johanson, Yani  
Cc: Richardson, Mary; Councillors and Mayor  
Subject: RE: Update on Port Hills Fire

Hello Councillor Johanson,

I believe our comms team are continually updating the Newsline story on our website, here: <https://www.ccc.govt.nz/the-council/newsline/show/1401>

In terms of any press release, the Public Information Management team within the Incident Management Team at Rolleston are working on this now. We will then be able to share that information through our channels.

We are also providing information to our Call Centre staff to ensure they can give residents up to date information on where to seek assistance etc.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit



Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
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---

From: Johanson, Yani  
Sent: Tuesday, 14 February 2017 10:14 a.m.  
To: Palmer, Alicia  
Subject: Re: Update on Port Hills Fire

Hi Alicia

Also is there a public update that we are putting out as ccc? That might be useful as well with a contact number for people to ring if they are concerned/ need help?

Ta

Yani

Get [Outlook for iOS](#)

On Tue, Feb 14, 2017 at 10:08 AM +1300, "Palmer, Alicia" <[REDACTED]> wrote:

Good morning,

This email provides an update on the Port Hills fire response, as at 09:38 14/02/2017.

A regional fire response structure has been established to manage the two separate fires; one on Early Valley Road, and one on Summit Road. The first meeting of the Regional Incident Management Team was held this morning, with a full report anticipated within the next hour.

Currently CCC staff, volunteers and contractors are attending the fires.

Aerial operations are underway, with 11 helicopters on site.

It has been confirmed that the fire has burnt into Kennedy's Bush, which is Council land.

There are concerns for communications equipment located at Marley's Hill.

Staff resources are stretched at present.

Sign of the Kiwi is intact.

The fire is close to the top tower at the Christchurch Adventure Park (CAP), and the Regional Incident Management Team is in liaison with CAP.

It has not yet been confirmed if any properties have been lost from the Summit Road fire.

Road closures are still in place: Dyers Road is closed from the top of Hackthorne Road to Governors Bay, and Summit Road is closed through to Gebbies Pass. Road closure information is available through CTOC and Port Hills fire updates can be found here: <http://www.tfc.govt.nz/current-conditions/latest-traffic-updates/port-hills-fire/>

A Pre-Hospital Emergency Care team is being assembled, and three CCC CDEM Response Team volunteers have been provided to support this.

An update from Darrin Woods, Principle Rural Fire Officer is expected this morning, which will provide further detail on the above.

I will provide further updates throughout the day, and if there are any significant changes.

Kind regards,

Alicia Palmer  
Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

[REDACTED]  
[REDACTED]  
[REDACTED]

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 10:45 a.m.  
To: Councillors and Mayor; Executive Leadership Team  
Cc: Keenan, Di; Ritchie, Jocelyn  
Subject: Update on Port Hills Fire

Good morning,

This email provides an update on the Port Hills fire response, as at 10:38 14/02/2017.

The Regional Incident Management Team (RIMT), located at Rolleston, have confirmed the Early Road fire has destroyed one house and one structure, and a second house has been partially damaged. These properties are all located within the Selwyn District Council boundary.

The Public Information Management team in the RIMT are currently working on a press release with up to date information.

The Early Road fire has taken 665 hectares of land.

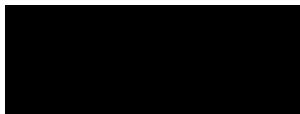
The Summit Road fire (also being called the Marley's Hill fire) has taken 30 hectares of land.

I will provide further updates throughout the day, and if there are any significant changes.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit



Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
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---

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 10:08 a.m.  
To: Councillors and Mayor; Executive Leadership Team  
Cc: Keenan, Di; Ritchie, Jocelyn  
Subject: Update on Port Hills Fire  
Importance: High

Good morning,

This email provides an update on the Port Hills fire response, as at 09:38 14/02/2017.

A regional fire response structure has been established to manage the two separate fires; one on Early Valley Road, and one on Summit Road. The first meeting of the Regional Incident Management Team was held this morning, with a full report anticipated within the next hour.

Currently CCC staff, volunteers and contractors are attending the fires.

Aerial operations are underway, with 11 helicopters on site.

It has been confirmed that the fire has burnt into Kennedy's Bush, which is Council land.

There are concerns for communications equipment located at Marley's Hill.

Staff resources are stretched at present.

Sign of the Kiwi is intact.

The fire is close to the top tower at the Christchurch Adventure Park (CAP), and the Regional Incident Management Team is in liaison with CAP.

It has not yet been confirmed if any properties have been lost from the Summit Road fire.

Road closures are still in place: Dyers Road is closed from the top of Hackthorne Road to Governors Bay, and Summit Road is closed through to Gebbies Pass. Road closure information is available through CTOC and Port Hills fire updates can be found here: <http://www.tfc.govt.nz/current-conditions/latest-traffic-updates/port-hills-fire/>

A Pre-Hospital Emergency Care team is being assembled, and three CCC CDEM Response Team volunteers have been provided to support this.

An update from Darrin Woods, Principle Rural Fire Officer is expected this morning, which will provide further detail on the above.

I will provide further updates throughout the day, and if there are any significant changes.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

[Redacted]  
Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
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|  |  |                           |  |
|--|--|---------------------------|--|
|  |  | SITUATION REPORT<br>RF201 |  |
| 1. Incident Name<br>Port Hills Complex   | 2. Operational Period<br><br>Date: 14 February 2017<br>Time: 1000hrs |                           |  |
| 3. Location<br>Marleys Hill and<br>Landsdowne Valley   | 4. Vegetation<br>Forest/Scrub/Grass/Slash/<br>Other:                 | 5. NZ Topo50 Grid Ref.    |  |
| <b>6. Assessment</b><br>2 significant fires located on the Port Hills between Sign of the Kiwi and Early Valley have compromised significant assets in both locations.<br>Assets at risk include communication repeaters, residential properties, Christchurch Adventure Park infrastructure, and significant recreation and ecological reserves.<br>Unconfirmed property losses in the Early Valley area.   |  |                           |  |
| <b>7. Action taken</b><br>Regional incident Management team in place<br>Evacuation of properties in the vicinity of both fires.<br>Road closures in place in the vicinity of both fires – these will remain in place until reassessment<br>11 aircraft including aerial platform have been deployed for fire suppression, structure protection and supporting ground crews.<br>Retardant mixing operation established at Christchurch International Airport – ground application of retardant around key comms and structural assets on Summit Road. |  |                           |  |
| <b>8. Factors</b><br>Key factors are <ul style="list-style-type: none"> <li>• Multiple assets of value either compromised or destroyed by fire</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Potential for strengthening winds and wind changes early afternoon to south</li> <li>• Significant resource commitment in terms of personnel and equipment</li> </ul>  |  |                           |  |
| <b>9. Predicted Incident Development</b><br>Fires are likely to continue to challenge suppression assets, particularly around the forested areas.<br>Further spread potential with daytime heating and increased winds – forecast frontal passage with change to southerly winds in early afternoon could change direction of fire.<br>Likely need for further resources<br>Operations likely to continue for a number of days   |  |                           |  |
| 10. Prepared by: Darrin Woods  | Date/Time 14/02/2017 10:15hours                                      |                           |  |

From: Richardson, Mary  
Sent: Tuesday, 14 February 2017 10:29 a.m.  
To: Councillors and Mayor  
Subject: FW: Update on Port Hills Fire

fyi

---

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 10:26 AM  
To: Johanson, Yani  
Cc: Richardson, Mary  
Subject: RE: Update on Port Hills Fire

Hello Councillor Johanson,

Thank you for your offer of assistance. Currently these fires are being led by Selwyn District Council, DoC and Fire, with CCC Rural Fire supporting this joint effort.

We wouldn't look to declare a State of Local Emergency unless the powers of the Act were required, and for this event it would be more likely this would be done by Selwyn District Council (if needed). Additional staff would generally be resourced via the Regional Incident Management Team (which is a Rural Fire equivalent to an Emergency Coordination Centre).

We will continue to monitor, and provide support as requested.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

[REDACTED]

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
Please consider the environment before printing this email

---

From: Johanson, Yani  
Sent: Tuesday, 14 February 2017 10:11 a.m.  
To: Palmer, Alicia  
Subject: Re: Update on Port Hills Fire

Hi Alicia

Thanks for the update. Good luck with it all. Is there anything that we can help with? I was wondering if we should declare a state of emergency to get more resources helping with the fires?

Ta  
Yani

Get [Outlook for iOS](#)

On Tue, Feb 14, 2017 at 10:08 AM +1300, "Palmer, Alicia" [REDACTED] wrote:

Good morning,

This email provides an update on the Port Hills fire response, as at 09:38 14/02/2017.

A regional fire response structure has been established to manage the two separate fires; one on Early Valley Road, and one on Summit Road. The first meeting of the Regional Incident Management Team was held this morning, with a full report anticipated within the next hour.

Currently CCC staff, volunteers and contractors are attending the fires.

Aerial operations are underway, with 11 helicopters on site.

It has been confirmed that the fire has burnt into Kennedy's Bush, which is Council land.

There are concerns for communications equipment located at Marley's Hill.

Staff resources are stretched at present.

Sign of the Kiwi is intact.

The fire is close to the top tower at the Christchurch Adventure Park (CAP), and the Regional Incident Management Team is in liaison with CAP.

It has not yet been confirmed if any properties have been lost from the Summit Road fire.

Road closures are still in place: Dyer's Road is closed from the top of Hackthorne Road to Governors Bay, and Summit Road is closed through to Gebbies Pass. Road closure information is available through CTOC and Port Hills fire updates can be found here: <http://www.tfc.govt.nz/current-conditions/latest-traffic->

[updates/port-hills-fire/](#)

A Pre-Hospital Emergency Care team is being assembled, and three CCC CDEM Response Team volunteers have been provided to support this.

An update from Darrin Woods, Principle Rural Fire Officer is expected this morning, which will provide further detail on the above.

I will provide further updates throughout the day, and if there are any significant changes.

Kind regards,

**Alicia Palmer**  
Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

[REDACTED]  
[REDACTED]  
[REDACTED]

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

From: Munro, Paul  
Sent: Tuesday, 14 February 2017 11:21 a.m.  
To: Councillors and Mayor  
Cc:  
[REDACTED]  
Subject: FW: Port Hills - Orion Update  
Attachments: 170214 Orion media release Port Hills fire.pdf

Hi all

See below and attached from Orion in relation to the impact of the Port Hills fires on the Orion network. Note the Orion comment below that the cause of the fire is unknown at this stage.

Kind regards, Paul

Paul Munro  
Chief Executive  
[REDACTED]

---

From: David Freeman-Greene [REDACTED]  
Sent: Tuesday, 14 February 2017 11:18 a.m.  
To: Munro, Paul  
Cc: Rob Jamieson; Linda McGregor  
Subject: Port Hills - Orion Update

Hi Paul

As you are aware there is a significant fire on the Port Hills. At this stage the network has not been significantly impacted, with 50 customers without power.

Attached is a media release we have put out after an enquiry from the Star newspaper. A line of enquiry was around "speculation" that our network caused the fires. We have stated that this is just speculation and the fire service will work through matters in due course.

FYI I have copied in Linda McGregor who is our new Comms and Engagement Manager.

Regards

David

David Freeman-Greene  
General Manager Commercial  
[REDACTED]



\*\*\*\*\*

This electronic mail message together with any attachment is confidential. If you are not the intended recipient then do not disclose, copy or use the contents in any way, and please let us know by return e-mail then destroy this message.

Any views expressed in this message are those of the individual sender and may not necessarily reflect the views of Management. We are not responsible for any changes made to this message and/or any attachments after sending.

Thank you

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\*\*\*\*\*

From: Richardson, Mary  
Sent: Monday, 13 February 2017 11:51 p.m.  
To: Dalziel, Lianne  
Subject: RE: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park

PS His number of [REDACTED]

I can call him again and get latest details if easier

Cheer

---

From: Dalziel, Lianne  
Sent: Monday, 13 February 2017 11:45 PM  
To: Palmer, Alicia  
Cc: Edwards, Karleen; Richardson, Mary  
Subject: Re: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park

Is this an acceptable response?

Sent from my iPhone

On 13/02/2017, at 11:32 PM, Palmer, Alicia <[REDACTED]> wrote:

Unfortunately I haven't been able to get through to get an update so I can't confirm if the situation has changed.

Sent from my iPhone

On 13/02/2017, at 11:07 PM, Dalziel, Lianne <[REDACTED]> wrote:

So this is not the city?

<http://istuff.co.nz/the-press/89372687/two-fires-on-christchurchs-port-hills-stretch-fire-crews-destroys-house-force-evacuations>

Sent from my iPhone

On 13/02/2017, at 10:33 PM, Palmer, Alicia <[REDACTED]> wrote:

Hi Lianne,

That's the most up to date information I have been given. Would it be helpful to speak with Darrin directly? His cell is [REDACTED]  
[REDACTED] He may be able to clarify the boundaries with DOC, Selwyn and CCC land.

Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 10:04 PM, Dalziel, Lianne <[REDACTED]> wrote:

I'm a bit worried that this isn't right. It really looks like both fires are in our patch

Sent from my iPhone

On 13/02/2017, at 9:56 PM, Palmer, Alicia <[REDACTED]> wrote:

Hi Lianne,

Darrin has indicated the fire authorities are Selwyn and DOC (their jurisdiction) and that fires are threatening Council land. It is possible they are burning onto Council land, however they won't have that certainty until the morning now.

Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 9:46 PM, Dalziel, Lianne <[REDACTED]> wrote:

This suggests the fires are burning in our patch <http://istuff.co.nz/the-press/89372687/large-christchurch-scrub-fire-out-of-control-second-fire-now-burning>

Sent from my iPhone

On 13/02/2017, at 9:35 PM, Palmer, Alicia <[REDACTED]> wrote:

Hi Lianne,

I have just been speaking with Darrin Woods our principal rural fire officer and he has been able to confirm that the fires are currently not on CCC land. They are within Selwyn District Council land, and one is on DOC land.

Both are threatening council land and Summit Road is closed from Dyers

Pass to Gebbies Pass. We have not been able to confirm to whether the adventure park and Sign of the Kiwi have been affected, however the fire is burning towards those areas.

Crews are undertaking a significant amount of fire suppression with structures in the area. We currently have 6 - 7 crews from Christchurch deployed, which includes volunteers, staff and contractors. Selwyn district Council have evacuated some houses within their boundary.

We will update further if things change or we know more about the situation - particularly with the adventure park and Sign of the Kiwi.

Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 9:18 PM, Dalziel, Lianne  
[REDACTED] wrote:

<image1.JPG>

Sent from my iPhone

|  |  |                           |
|--|--|---------------------------|
| 1. Incident Name<br>Port Hills Complex   | 2. Operational Period                                | SITUATION REPORT<br>RF201 |
|  | Date: 14 February 2017<br>Time: 1230hrs              |                           |
| 3. Location<br>Marleys Hill and<br>Landsdowne Valley   | 4. Vegetation<br>Forest/Scrub/Grass/Slash/<br>Other: | 5. NZ Topo50 Grid Ref.    |
| <b>6. Assessment</b><br><br>Fires on the on the Port Hills between Sign of the Kiwi and Early Valley continue to burn, although the Marleys Hill Fire appears to be well contained at present and most activity is focussed on retardant to consolidate asset protection.<br><br>Early Valley fire has burnt over the ridgeline above Governors Bay and Allandale, resulting in the need to assess risk to life and property at the head of Lyttelton Harbour.<br>Confirmation that one house and one structure have been destroyed in Early Valley, and another house has been partially damaged in the area.<br>Area approximately 750 hectares.   |  |                           |
| <b>7. Action taken</b><br><br>Regional incident Management team is working with resources in the field on both incidents. Road closures remain in place in the vicinity of both fires, although residents of Holmes Road have been allowed to return home.<br><br>12 helicopters including aerial platform plus 2 fixed wings and have been deployed for fire suppression, structure protection and supporting ground crews. Fixed wings laying retardant around key assets to strengthen protection.<br><br>Welfare Centre has been established at the Lincoln Events Centre for affected residents in the Tai Tapu area.<br><br>Geotech assessment of rockfall hazard over Governors Bay and Allandale initiated.<br>Restricted Air Space in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February. |  |                           |
| <b>8. Factors</b><br><br>Key factors are <ul style="list-style-type: none"> <li>• Multiple assets of value either compromised or destroyed by fire</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Potential for strengthening winds and wind changes early afternoon to south</li> <li>• Significant resource commitment in terms of personnel and equipment</li> <li>• Potential for other ignitions around the region requiring re-tasking of deployed resources</li> <li>• Possible actions required due to identified rockfall risk</li> </ul>   |  |                           |
| <b>9. Predicted Incident Development</b><br><br>The Early Valley fire is continuing to require significant suppression efforts, particularly around the forested areas. Further property losses unlikely.<br><br>Further spread potential with daytime heating and increased winds is still possible later in the day and crews are remaining vigilant.<br><br>Consideration of release of some overhead assets from the Marleys Fire to support operations and rest relief for key fire management staff at Early Valley.<br><br>Road closures and suppression efforts still likely to be required in the foreseeable future until fires well contained.  |  |                           |
| 10. Prepared by: Darrin Woods  | Date/Time 14/02/2017 1230hours                       |                           |

From: Palmer, Alicia  
Sent: Monday, 13 February 2017 11:55 p.m.  
To: Dalziel, Lianne  
Cc: Richardson, Mary; Edwards, Karleen  
Subject: Fwd: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park

Hi Lianne,  
You may not have yet seen my last email (copied below). Darrin has just tried to phone and left you a voicemail message.  
He is available to speak now, however he is standing down for H&S reasons shortly.

Thanks,  
Alicia

Sent from my iPhone

Begin forwarded message:

**From:** "Palmer, Alicia" <[REDACTED]>  
**Date:** 13 February 2017 at 11:44:05 PM NZDT  
**To:** "Dalziel, Lianne" <[REDACTED]>  
**Subject: Re: Am getting questions about the fire - potentially affecting Sign of the Kiwi and ChCh Adventure Park**

Hi Lianne, I have just had a call from Darrin and he will phone you to update and answer any questions you have.  
Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 11:07 PM, Dalziel, Lianne [REDACTED] wrote:

So this is not the city?  
<http://istuff.co.nz/the-press/89372687/two-fires-on-christchurchs-port-hills-stretch-fire-crews-destroys-house-force-evacuations>  
Sent from my iPhone

On 13/02/2017, at 10:33 PM, Palmer, Alicia [REDACTED] wrote:

Hi Lianne,  
That's the most up to date information I have been given. Would it be helpful to speak with Darrin directly? His cell is [REDACTED]  
[REDACTED] He may be able to clarify the boundaries with DOC, Selwyn and CCC land.

Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 10:04 PM, Dalziel, Lianne [REDACTED] wrote:

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Sent from my iPhone

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Sent from my iPhone

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Sent from my iPhone

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We will update further if things change or we know more about the situation - particularly with the adventure park and Sign of the Kiwi.

Thanks,  
Alicia

Sent from my iPhone

On 13/02/2017, at 9:18 PM, Dalziel, Lianne  
[REDACTED] wrote:

<image1.JPG>

Sent from my iPhone

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 3:19 p.m.  
To: Councillors and Mayor: Executive Leadership Team  
Cc: Keenan, Di; Ritchie, Jocelyn  
Subject: FW: Port Hills Complex 1230 sitrep.docx  
Attachments: Port Hills Complex 1230 sitrep.docx

Hello,

Please find attached SITREP from Darrin Woods, Principal Rural Fire Officer.

The next SITREP is due at 1530 hours.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

[REDACTED]

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
Please consider the environment before printing this email

---

From: Woods, Darrin  
Sent: Tuesday, 14 February 2017 12:59 p.m.

[REDACTED]

Subject: RE: Port Hills Complex 1230 sitrep.docx

Now attached

---

From: Woods, Darrin  
Sent: Tuesday, 14 February 2017 12:58 p.m.  
To: Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel, Lianne; 'aroberts@doc.govt.nz'; Bruce Janes

[REDACTED]

Subject: Port Hills Complex 1230 sitrep.docx

Good afternoon all,

Please find attached the situation report for the current rural fire incidents in Selwyn and Christchurch. Next update due 15:30 hours.

Regards,

**Darrin Woods**  
**Principal Rural Fire Officer**  
**CHRISTCHURCH CITY COUNCIL**  
Planning/Intelligence Manager

From: Keenan, Di  
Sent: Tuesday, 14 February 2017 3:48 p.m.  
To: Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Senior Leaders  
Subject: Fire coverage on Newsline

Hello all,  
Given that our area is tinder dry at present, I thought you might be interested in our coverage of the Port Hills fire. This includes the photo gallery from a few vantage points that our photographer could get too around the middle of the day as well as a link through to affected roads that have closed.  
Regards  
Di.

<https://www.ccc.govt.nz/the-council/newsline/show/1401>

From: Edwards, Karleen  
Sent: Tuesday, 14 February 2017 3:22 p.m.  
To: All Staff  
Subject: Update from the Chief Executive  
Attachments: Update from the Chief Executive - 14 Feb 2017.pdf

Kia ora koutou katoa

My thoughts are with our Council staff, volunteers and contractors currently supporting fire crews battling the Port Hills fires in Early Valley Road and along the Summit Road. Tinder dry conditions, strong winds and steep terrain have hindered efforts to contain the fires, however, despite the conditions, those on the ground (and in the air) are working hard to contain the spread and minimise the risk of fire to surrounding properties and land as much as possible. My thoughts are also with those residents directly impacted by the fires not just here but also in Hawkes Bay and across the Tasman. Thanks must go to Alicia Palmer, Head of CDEM and Darrin Woods, Principal Rural Fire Officer for coordinating and managing our response and support on behalf of the Council so efficiently.

Ngā mihi

Karleen

# *Update from the Chief Executive*



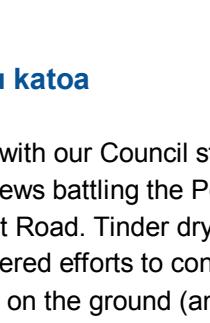
ISSUE 5

TUESDAY 14 FEBRUARY 2017

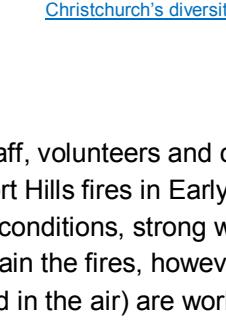
## Top stories on Newsline



[Business forum to mark  
Lantern Festival](#)



[Big plans for Little River](#)



[Strategy celebrates  
Christchurch's diversity](#)



[Sparks lights up the city](#)

## Kia ora koutou katoa

My thoughts are with our Council staff, volunteers and contractors currently supporting fire crews battling the Port Hills fires in Early Valley Road and along the Summit Road. Tinder dry conditions, strong winds and steep terrain have hindered efforts to contain the fires, however, despite the conditions, those on the ground (and in the air) are working hard to contain the spread and minimise the risk of fire to surrounding properties and land as much as possible. My thoughts are also with those residents directly impacted by the fires not just here but also in Hawkes Bay and across the Tasman. Thanks must go to Alicia Palmer, Head of CDEM and Darrin Woods, Principal Rural Fire Officer for coordinating and managing our response and support on behalf of the Council so efficiently.

Ngā mihi  
Karleen

From: Hall, Rob  
Sent: Tuesday, 14 February 2017 4:00 p.m.  
To: Dalziel, Lianne; Edwards, Karleen; Turner, Andrew; Keenan, Di; 'Raf Manji'; Bill Dwyer; Darren Wright; Dr Jane Gregg; Fiona Mules; Matt Russell; Peter Houghton  
Cc: Healy, Amanda; Stewart, James; Clarke, Steve; Lieschke, Joel; Richardson, Liz; Anstiss, Brendan; Silk, Paul; Munro, Paul  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 2 - Tuesday afternoon 1600

Importance: High

Dear all,

The fire is yet to be contained. As well as homes and other infrastructure, it remains a threat to the Christchurch Adventure Park (CAP). Fire retardant has been deployed by aircraft at the top of the park to protect the chair lift, as well as in the vicinity of homes.

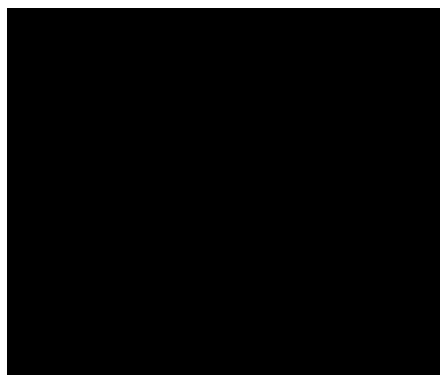
The CAP is closed until further notice.

Warm regards

Rob

**Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd



DCL Core values:- Confidence, Connectedness, Effectiveness and Empowering Our People

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|  |  |                           |
|--|--|---------------------------|
| 1. Incident Name<br>Port Hills Complex   | 2. Operational Period                                | SITUATION REPORT<br>RF201 |
|  | Date: 14 February 2017<br>Time: 1600hrs              |                           |
| 3. Location<br>Marleys Hill and<br>Landsdowne Valley   | 4. Vegetation<br>Forest/Scrub/Grass/Slash/<br>Other: | 5. NZ Topo50 Grid Ref.    |
| 6. Assessment  |  |                           |
| <p>A significant aviation incident has seen aircraft grounded for a period. As a consequence, fire activity has escalated with the arrival of the hottest part of the day.</p> <p>Marley Hill Fire remains contained, although ground crews are monitoring activity along the Summit Road. Suppression efforts have also commenced from downhill in the forest.</p> <p>Significant effort has been put into the left flank of the Early Valley Fire where there is the potential for fire to get into high hazard fuels below Marleys Hill.</p> <p>Fire continues to burn downhill from the ridgeline above Governors Bay and Allandale. This is burning in steep terrain that is likely to pose problems for any suppression efforts.</p> <p>No further structures have been lost beyond those reported earlier.</p> <p>Refined area of the fires is approximately 580 hectares following further aerial survey.</p>                                |  |                           |
| 7. Action taken  |  |                           |
| <p>Regional incident Management team is working with resources in the field on both incidents. Road closures remain in place in the vicinity of both fires, with careful consideration being given to when and where these could be lifted. Some closures likely to remain in place over next 24 hours, with extension of closures to popular mountain bike trails around Kennedys Bush.</p> <p>Resource planning for tonight and tomorrow is under way, including investigation of the potential use of heavy machinery to open up existing tracks as contingency lines.</p> <p>Welfare Centre is operational at the Lincoln Events Centre for affected Tai Tapu residents.</p> <p>Geotech assessment of rockfall hazard over Governors Bay and Allandale initiated.</p> <p>Restricted Air Space in place – extend to 3,500ft up until midday Friday 17<sup>th</sup> February.</p> <p>IC, SDC PRFO and NZFS representatives have fronted media.</p> |  |                           |
| 8. Factors   |  |                           |
| <p>Key factors are</p> <ul style="list-style-type: none"> <li>• Multiple assets of value either compromised or destroyed by fire</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Predicted wind changes with development of strong NE winds late Wednesday</li> <li>• Significant resource commitment in terms of personnel and equipment</li> <li>• Possible actions required due to identified rockfall risk</li> <li>• Implications arising from aviation incident</li> </ul>  |  |                           |
| 9. Predicted Incident Development  |  |                           |
| <p>The Early Valley Fire has the potential to join with the Marley Hill Fire if it breaches containment lines in the north east. This will compromise communication towers and further structures.</p> <p>Forecast wind changes to NE late Wednesday could see fire activity spreading back towards populated areas in the Tai Tapu area.</p> <p>Road closures and suppression efforts still likely to be required in the foreseeable future until fires well contained.</p>   |  |                           |
| 10. Prepared by: Darrin Woods  | Date/Time 14/02/2017 1230hours                       |                           |

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 4:22 p.m.  
To: Councillors and Mayor; Executive Leadership Team; Rutledge, Andrew; Mackie, John  
Cc: Keenan, Di; Ritchie, Jocelyn  
Subject: RE: Port Hills Complex 1230 sitrep.docx

Hello,

[REDACTED]

I have not received yet received the 1530 hours SITREP, or official communications regarding the crash, and acknowledge this may now take some time given the incident.

I will update once I know more.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

[REDACTED]  
[REDACTED]  
[REDACTED]

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

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From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 3:19 p.m.  
To: Councillors and Mayor; Executive Leadership Team  
Cc: Keenan, Di; Ritchie, Jocelyn  
Subject: FW: Port Hills Complex 1230 sitrep.docx

Hello,

Please find attached SITREP from Darrin Woods, Principal Rural Fire Officer.

The next SITREP is due at 1530 hours.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

[REDACTED]  
[REDACTED]  
[REDACTED]

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

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From: Woods, Darrin  
Sent: Tuesday, 14 February 2017 12:59 p.m.  
To: Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel, Lianne; [REDACTED] Bruce Janes

[REDACTED]

Now attached

---

From: Woods, Darrin  
Sent: Tuesday, 14 February 2017 12:58 p.m.

[REDACTED]

Subject: Port Hills Complex 1230 sitrep.docx

Good afternoon all,

Please find attached the situation report for the current rural fire incidents in Selwyn and Christchurch. Next update due 15:30 hours.

Regards,

**Darrin Woods**

Principal Rural Fire Officer  
CHRISTCHURCH CITY COUNCIL  
Planning/Intelligence Manager

|   |  |  |
|---|--|--|
| 1. Incident Name<br>Port Hills Complex  | 2. Operational Period                                | SITUATION REPORT<br>RF201  |
|   | Date: 14 February 2017<br>Time: 2000hrs              |  |
| 3. Location<br>Marleys Hill and Early Valley  | 4. Vegetation<br>Forest/Scrub/Grass/Slash/<br>Other: | 5. NZ Topo50 Grid Ref.   |
| 6. Assessment   |  | RIMT dealing with appropriate authorities.<br>Marley Hill fire remains contained with two 3 person ground crews patrolling and monitoring overnight. |
| Early Valley fire continues to burn. Significant efforts into structure protection around Governors Bay during Tuesday afternoon. Three crews patrolling and monitoring overnight.<br><br>No further structures have been lost beyond those reported earlier.<br>Refined area of the fires is approximately 580 hectares following further aerial survey.   |  |  |
| 7. Action taken<br>Regional incident Management team is working with resources in the field on both incidents. Road closures remain in place in the vicinity of both fires, with careful consideration being given to when and where these could be lifted. Some closures likely to remain in place over next 24 hours, with extension of closures to popular mountain bike trails around Kennedys Bush. Resource planning for tomorrow is under way, including investigation of the potential use of heavy machinery to open up existing tracks as contingency lines.<br>Welfare Centre is operational at the Lincoln Events Centre for affected Tai Tapu residents. Geotech assessment of rockfall hazard over Governors Bay and Allandale was completed and identified no immediate concerns for populated areas. This will need reassessment if the fire breaches the summit further to the east.<br>Heavy machinery creating breaks around structures on Worsleys Track on the Marley Hill fire. Restricted Air Space in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February. |  |  |
| 8. Factors<br>Key factors are <ul style="list-style-type: none"> <li>- Multiple assets of value either compromised or destroyed by fire</li> <li>- Steep and dissected hill country posing difficulty with access</li> <li>- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>- Predicted wind changes with development of strong NE winds late Wednesday</li> <li>- Significant resource commitment in terms of personnel and equipment</li> <li>- Possible actions required due to identified rockfall risk</li> <li>- Winds may pose difficulties for fire suppression above Governors Bay.</li> </ul>  |  |  |
| 9. Predicted Incident Development<br>The Early Valley Fire still has the potential to join with the Marley Hill Fire if it breaches containment lines in the north east. This will compromise communication towers and further structures.<br>Forecast wind changes to NE late Wednesday could see fire activity spreading back towards populated areas in the Tai Tapu area.<br>Road closures and suppression efforts still likely to be required in the foreseeable future until fires well contained.  |  |  |
| 10. Prepared by: Darrin Woods   | Date/Time 14/02/2017 1930 hrs                        |  |

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 9:30 p.m.  
To: Councillors and Mayor; Executive Leadership Team; Rutledge, Andrew; Mackie, John  
Cc: Keenan, Di; Ritchie, Jocelyn  
Subject: Re: Port Hills Complex 1600 sitrep.docx

Hello,

The SITREP expected at 2000 hours may not be provided tonight, but tomorrow morning.

This will be my last update tonight unless there are any changes or the SITREP comes through.

Kind regards,  
Alicia Palmer

Sent from my iPhone

On 14/02/2017, at 5:02 PM, Palmer, Alicia [REDACTED] wrote:

Hello,

Please find attached SITREP from Darrin Woods, Principal Rural Fire Officer.

The next SITREP is due at 2000 hours.

Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit  


Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
Please consider the environment before printing this email

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From: Woods, Darrin  
Sent: Tuesday, 14 February 2017 4:59 p.m.

To: [REDACTED]  
  
[REDACTED]

Subject: Port Hills Complex 1600 sitrep.docx

Good afternoon all,

Apologies for the delay. Please find attached the situation report for the current rural fire incidents in Selwyn and Christchurch. Next update due 2000 hours.

Regards

**Darrin Woods**  
Principal Rural Fire Officer  
CHRISTCHURCH CITY COUNCIL  
Planning/Intelligence Manager

<Port Hills Complex 1600 sitrep.docx>

From: Palmer, Alicia  
Sent: Tuesday, 14 February 2017 9:13 p.m.  
To: Dalziel, Lianne  
Subject: Re: Port Hills Complex 1600 sitrep.docx

Hi Lianne,

Thank you. Yes I can absolutely phone her tomorrow.

Thanks,  
Alicia

Sent from my iPhone

On 14/02/2017, at 9:02 PM, Dalziel, Lianne [REDACTED] wrote:

Good work today. Great to get regular updates.

I've had a call from a friend of mine who has friends who know the people that lost their house in the fire. She's concerned they don't know who to turn to. A bit shell shocked and media hounding them. Could you let her know tomorrow who the SDC person is she could talk to. My friend (who used to work for me as an electorate case worker when I was an MP) is [REDACTED] mob [REDACTED] Cheers. Lianne  
Sent from my iPhone

On 14/02/2017, at 5:02 PM, Palmer, Alicia [REDACTED] wrote:

Hello,

Please find attached SITREP from Darrin Woods, Principal Rural Fire Officer.

The next SITREP is due at 2000 hours.

Kind regards,

Alicia Palmer

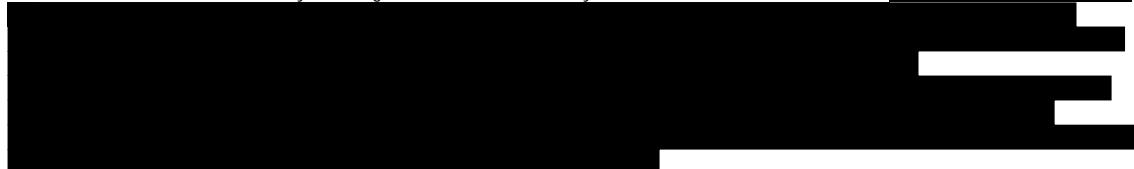
Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit



Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
Please consider the environment before printing this email

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From: Woods, Darrin  
Sent: Tuesday, 14 February 2017 4:59 p.m.  
To: Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel, Lianne; [REDACTED]



Subject: Port Hills Complex 1600 sitrep.docx

Good afternoon all,

Apologies for the delay. Please find attached the situation report for the current rural fire incidents in Selwyn and Christchurch. Next update due 2000 hours.

Regards

**Darrin Woods**  
**Principal Rural Fire Officer**  
**CHRISTCHURCH CITY COUNCIL**  
Planning/Intelligence Manager  
<Port Hills Complex 1600 sitrep.docx>

From: Hall, Rob  
Sent: Monday, 13 February 2017 9:42 p.m.  
To: Dalziel, Lianne; Edwards, Karleen; Turner, Andrew; Keenan, Di; 'Raf Manji'; Bill Dwyer; Darren Wright; Dr Jane Gregg; Fiona Mules; Hall, Rob; Matt Russell; Peter Houghton  
Cc: Healy, Amanda; Stewart, James; Clarke, Steve; Lieschke, Joel; Richardson, Liz; Anstiss, Brendan  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 1

Importance: High

Dear all,

We have been monitoring the fire since 5:45pm today. CAP staff are liaising with NZ Fire Service. This evening a second fire front has started on the Summit Road near Sign of the Kiwi and is close to the top of the adventure park, placing the CAP facility at risk. I have nothing further to report at this time but will update in the morning.

Warm regards

Rob  
**Rob Hall**  
Chief Executive Officer  
[REDACTED]



Please consider the environment before printing this email

## Media release

For immediate release

15 February 2017

# Orion restores services further impacted by Port Hills fire

The Port Hills fire has further impacted power supply to parts of eastern Christchurch, affecting 89,000 customers.

Smoke or flames from the fires caused the Transpower 220 kV line to trip.

Orion has now restored supply to all affected customers.

Supply remains fragile however, due to the continuing fire threat.

**ENDS**

Media contact:  
Linda McGregor  
Communications and Engagement Manager  
[Linda.mcgregor@oriongroup.co.nz](mailto:Linda.mcgregor@oriongroup.co.nz)  
03 363 9614

## Media release

For immediate release

15 February 2017

# UPDATE: Orion prepared for any overnight issues

Orion remains on full alert, ready to respond to any issues with power supply as a result of the fires continuing in the Port Hills.

The unpredictability of the fire and the course it may take poses some threat to continuity of power supply to the Port Hills and the greater city.

It is possible that there will be further outages until the fires are fully extinguished.

Orion urges residents in the Port Hills area to take particular care around electricity at this time.

The company is working closely with emergency services to co-ordinate its response to any developments and ensure its customers are kept up to date as soon as information is made available.

For updates on outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

**ENDS**

Media contact:  
Linda McGregor  
Communications and Engagement Manager  
[Linda.mcgregor@oriongroup.co.nz](mailto:Linda.mcgregor@oriongroup.co.nz)  
03 363 9614 027 548 7418

From: Palmer, Alicia  
Sent: Wednesday, 15 February 2017 5:25 a.m.  
To: Councillors and Mayor; Executive Leadership Team; Rutledge, Andrew; Mackie, John  
Cc: Keenan, Di; Ritchie, Jocelyn; Woods, Darrin; Black, Tasha  
Subject: Update - Port Hills Fire

Hello,

We have been informed that residents of the Allandale area have been evacuated due to the fire risk. Residents are currently going to the Governors Bay school where they have been received by local civil defence welfare volunteers. We have been in touch with our controller, John Mackie, and we will be activating our EOC to support evacuees. We will provide a further update in the next hour, once staff have arrived at the EOC.

Thanks,  
Alicia Palmer

Sent from my iPhone

From: Woods, Darrin  
Sent: Wednesday, 15 February 2017 5:47 a.m.  
To:

Subject: RE: Port Hills Complex 2000hrs Sitrep  
Attachments: Port Hills Fire IAP 15 Feb 0730-1930.docx

Good morning,

Fire activity has escalated in the early hours of this morning on the Marleys Hill Fire. It is understood that the fire has now progressed downhill through the forest to below the powerlines, and is now only about 150m from the Sign of the Kiwi.

The New Zealand Fire Service has evacuated properties in Allandale and are currently undertaking structure protection in that location, awaiting the ability to utilise aircraft.

The Regional Incident Management Team Incident Controller and an Air Attack Officer are currently en route to evaluate how soon air resources can be utilised. The Christchurch City Council has also activated its Emergency Operating Centre to support any welfare efforts as a consequence of these recent events.

On a more positive note, the Early Valley Road Fire has remained relatively calm.

Further assessment will be undertaken at first light, and it is intended that a Situation Report will be issued sometime mid-morning once a full assessment has been conducted and all resources appropriately tasked.

In the meantime, please find attached a copy of the Incident Action Plan for today as prepared overnight.

Regards

**Darrin Woods**  
**Principal Rural Fire Officer**  
**CHRISTCHURCH CITY COUNCIL**  
Planning/Intelligence Manager

From: EOC Controller  
Sent: Wednesday, 15 February 2017 8:27 a.m.  
To: Councillors and Mayor; Senior Leaders; Executive Leadership Team; Community Governance Managers; Comm Bd Mbrs (exc Crs)  
Cc: EOC Public Information Management; EOC Controller  
Subject: Civil Defence Update Wednesday 15th February: 8.20am

Good morning all,

This is the first of what will be regular updates to you following the activation of the Emergency Operations Centre (EOC) at around 5.30am today to support the Rolleston EOC response to the fire. Our focus is to support our civil defence volunteers in providing welfare support to evacuated residents. The situation regarding the fire escalated in the early hours of the morning on the Marleys Hill fire. The fire has now progressed downhill through the forest to below the powerlines. It is only about 150m from the Sign of the Kiwi.

Our activation follows the evacuation of around 107 residents from the Allandale area near Governors Bay due to the fire risk. Many of these residents recognising the risk from the approaching fire evacuated themselves. We have set up a welfare centre at the Governors Bay school and staff and volunteers are currently looking after residents at this centre. The school is closed today. Looking after these residents, including finding a temporary home for one family, is our current focus. The community is rallying to provide support, for example Una from She Chocolate at Governors Bay is providing free coffees and breakfast for the evacuees and welfare staff in the area.

The Selwyn Emergency Operations Centre is leading the response to the fire. While ground operations continued overnight, helicopters began operating from first light this morning (around 6.15am)

The second fire, the Early Valley Road fire has remained relatively calm overnight.

We have set up our emergency operations centre in the Function Room.

Please note that these updates remain unofficial and are prepared for your information rather than wider circulation. You can share the official EOC updates through your community contacts.

We will continue these updates as we have more to share.

Regards

John Mackie  
Controller

From: Hall, Rob  
Sent: Wednesday, 15 February 2017 8:22 a.m.  
To: Dalziel, Lianne; Edwards, Karleen; Turner, Andrew; Keenan, Di; 'Raf Manji'; Bill Dwyer; Darren Wright; Dr Jane Gregg; Fiona Mules; Matt Russell; Peter Houghton  
Cc: Healy, Amanda; Stewart, James; Clarke, Steve; Lieschke, Joel; Richardson, Liz; Anstiss, Brendan; Silk, Paul; Munro, Paul  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 4 - Wednesday morning 0900

Dear all,

The fire is yet to be contained in the area north of the CAP and is within the CAP boundary; however the lift is operational at this time. The village is unaffected. Helicopter crews are operating this morning. Assessment of damage will be made when appropriate.

The CAP is closed until further notice.

Warm regards

Rob

**Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd

PO Box 333

Level 1, Building 2

181 High Street, Christchurch

NEW ZEALAND



**DCL**

DCL Core values:- Confidence, Connectedness, Effectiveness and Empowering Our People

| 1. Incident Name   | 2. Operational Period           | IAP COVER SHEET |
|--------------------|---------------------------------|-----------------|
| Port Hills Complex | Date 15/02/17<br>Time 0730-1930 |                 |

## INCIDENT ACTION PLAN

The items checked below are included in the incident Action Plan

- [SITUATION REPORT](#)
- [INCIDENT OBJECTIVES](#)
- [ORGANISATION LIST](#)
- [COMMUNICATIONS PLAN](#)
- [AIR OPERATIONS PLAN](#)
- [SAFETY PLAN](#)
- [SECTOR ASSIGNMENT](#)
- [MEDICAL PLAN](#)
- FIRE MAP
- WEATHER FORECAST
- FIRE GROUND ROADING PLAN
- 
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- 

### 3. Approved by Incident Controller:

| Name      | Signed | Date/Time        |
|-----------|--------|------------------|
| Rob Hands |        | 15/02/17 2200hrs |

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| 1. Incident Name   |  | 2. Operational Period        |           | SITUATION REPORT       |  |  |
|--|--|------------------------------|-----------|------------------------|--|--|
| Port Hills Complex   |  | Date                         | 15/02/17  |                        |  |  |
|  |  | Time                         | 0730-1930 |                        |  |  |
| 3. Location  |  | 4. Vegetation                |           | 5. NZ Topo50 Grid Ref. |  |  |
| Rolleston EOC  |  | Scrub/Tussock/Grass/Forestry |           |                        |  |  |
| <b>6. Assessment</b>   |  |                              |           |                        |  |  |
| 2 significant fires located on the Port Hills between Sign of the Kiwi and Early Valley have compromised significant assets in both locations. Assets at risk include communication repeaters, residential properties, Christchurch Adventure Park infrastructure, and significant recreation and ecological reserves. |  |                              |           |                        |  |  |
| Fires on the on the Port Hills between Sign of the Kiwi and Early Valley continue to burn, although the Marleys Hill Fire appears to be well contained at present and most activity is focussed asset protection.  |  |                              |           |                        |  |  |
| Early Valley fire has burnt over the ridgeline above Governors Bay and Allandale, resulting in the need to assess risk to life and property at the head of Lyttelton Harbour.  |  |                              |           |                        |  |  |
| Helicopter incident resulted in a fatality, RIMT dealing with appropriate authorities.<br>Marley Hill fire remains contained with two 3 person ground crews patrolling and monitoring overnight.   |  |                              |           |                        |  |  |
| Early Valley fire continues to burn. Significant efforts into structure protection around Governors Bay during Tuesday afternoon. Three crews patrolling and monitoring overnight.   |  |                              |           |                        |  |  |
| Refined area of the fires is approximately 580 hectares.   |  |                              |           |                        |  |  |
| Confirmation that one house and one structure have been destroyed in Early Valley, and another house has been partially damaged in the area. No further structures have been lost.   |  |                              |           |                        |  |  |
| A significant aviation incident, which resulted in a fatality, saw aircraft grounded for a period. As a consequence, fire activity escalated with the arrival of the hottest part of yesterday.  |  |                              |           |                        |  |  |
| <b>7. Action taken</b>   |  |                              |           |                        |  |  |
| Regional incident Management team is working with resources in the field on both incidents.  |  |                              |           |                        |  |  |
| Road closures remain in place in the vicinity of both fires, with careful consideration being given to when and where these could be lifted. Some closures likely to remain in place over next 24 hours, with extension of closures to popular mountain bike trails around Kennedys Bush.                              |  |                              |           |                        |  |  |
| Resource planning for tomorrow is under way, including investigation of the potential use of heavy machinery to open up existing tracks as contingency lines.  |  |                              |           |                        |  |  |
| Geotech assessment of rockfall hazard over Governors Bay and Allandale was completed and identified no immediate concerns for populated areas. This will need reassessment if the fire breaches the summit further to the east.  |  |                              |           |                        |  |  |
| Heavy machinery created breaks around structures on Worsleys Track on the Marley Hill fire.  |  |                              |           |                        |  |  |
| Restricted Air Space in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February.  |  |                              |           |                        |  |  |

## **8. Factors**

Key factors are

- Multiple assets of value either compromised or destroyed by fire
- Steep and dissected hill country posing difficulty with access
- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry
- Predicted wind changes with development of strong NE winds late Wednesday
- Significant resource commitment in terms of personnel and equipment
- Winds may pose difficulties for fire suppression above Governors Bay.

## **9. Predicted Incident Development**

The Early Valley Fire still has the potential to join with the Marley Hill Fire if it breaches containment lines in the north east. This will compromise communication towers and further structures.

Forecast wind changes to NE late Wednesday could see fire activity spreading back towards populated areas in the Tai Tapu area.

Road closures and suppression efforts still likely to be required in the foreseeable future until fires well contained.

## **10. Prepared by:**

Darrin Woods

**Date/Time** 15/02/17 2000hrs

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| 1. Incident Name   | 2. Operational Period | INCIDENT OBJECTIVES          |
|--|-----------------------|------------------------------|
| Port Hills Complex   | Date<br>Time          | 15/02/17<br>0730-1930        |
| <b>3. Overall Incident Objectives</b>  |                       |                              |
| To protect life by ensuring the safety of all personnel and the public.<br>Provide asset protection to all identified values, where it is safe to do so.<br>Contain, control and extinguish the fire with minimum disruption to community.   |                       |                              |
| <b>4. Objectives for specified Operational Period</b>  |                       |                              |
| Consolidate containment lines on all sectors by 19:30 hrs.<br>Focus on air attack during the morning on burning zones above Governors Bay to make best use of favourable conditions before forecast strengthening NE winds<br>Strengthen fire breaks around key structures as required |                       |                              |
| <b>5. Prepared by:</b>   | Rob Hands             | Date/Time 15/02/2017 2200hrs |

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| 1. Incident Name               |                      | 2. Operational Period       |            | ORGANISATION LIST |   |
|--------------------------------|----------------------|-----------------------------|------------|-------------------|---|
| Port Hill Complex              |                      | Date                        | 15/02/17   |                   |   |
|                                |                      | Time                        | 0730-1930  |                   |   |
| 3. Incident Control            |                      | Phone                       | Cell Phone | Radio Ch          |   |
| Incident Controller            | Rob Hands            |                             |            |                   |   |
| Information Officer            | Stephen Hill         | X760                        |            |                   |   |
|                                | Allanah Jarman       |                             |            |                   |   |
| Safety Officer                 | Graeme Knight        |                             |            |                   |   |
| Liaison Officer                |                      |                             |            |                   |   |
| Fire Investigation             | Graeme Still         |                             |            |                   |   |
|                                | Roy Hoogenraad       |                             |            |                   |   |
| 4. Agency Representative       |                      | Phone                       | Cell Phone | Radio Ch          |   |
| Lead Agency                    | SDC Douglas Marshall |                             |            |                   |   |
| 5. Planning/Intell Section     |                      | Phone                       | Cell Phone | Radio Ch          |   |
| Planning/Intell Manager        | Darrin Woods         | X763                        |            |                   |   |
| Management Support Unit        | Christine Tatterson  |                             |            |                   |   |
| Situation Unit                 | Rodney Chambers      |                             |            |                   |   |
| Advanced Planning Unit         | Brian Keown          |                             |            |                   |   |
|                                |                      |                             |            |                   |   |
| 6. Logistics Section           |                      | Phone                       | Cell Phone | Radio Ch          |   |
| Logistics Manager              | Don Geddes           | X764                        |            |                   |   |
| Supply                         | Craig Westley        |                             |            |                   |   |
| Finance Unit                   |                      |                             |            |                   |   |
| Comms                          |                      |                             |            |                   |   |
| 7. Operations Section          |                      | Phone                       | Cell Phone | Radio Ch          |   |
| Operations Manager             | Tim Sheppard         |                             |            |                   |   |
| Air Attack Supervisor          | Richard Macnamara    |                             |            |                   | 4 |
| Air Support Supervisor         | Atila deOliveria     |                             |            |                   |   |
| Ground Operations Marleys      | Danny Kimber         |                             |            |                   |   |
| Ground Operations Early Valley | Al Hutt              |                             |            |                   |   |
| Ground Support                 |                      |                             |            |                   |   |
| 8. Prepared by:                |                      | Date/Time 15/2/17 / 2200hrs |            |                   |   |

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| 1. Incident Name<br>Port Hills Complex - MARLEYS |             | 2. Operational Period<br>Date 15/02/17<br>Time 0730-1930 |           | COMMUNICATIONS<br>PLAN           |
|--|-------------|--|-----------|----------------------------------|
| 3. Radio Channels                                |             |  |           |                                  |
| Assigned To                                      | Function    | Channel  | Frequency | System                           |
| IMT  | Command     | ESB164   |           |                                  |
| Air  | Air Support | FIRE4  |           |                                  |
| 5 Crew   | Ground Ops  | FIRE2  |           |                                  |
| 1 chainsaw operator                              | (DOC)       | FIRE2  |           |                                  |
| 4. Telephone                                     |             |  |           |                                  |
| Assigned To                                      | Landline    | Cellphone  | Fax       | Comments                         |
| Danny Kimber                                     |             | 027 281 6709   |           | Ground Ops Marleys               |
| Sarah Ensor                                      |             |  |           | Safe Forward Point, Sign of Kiwi |
|  |             |  |           |                                  |
|  |             |  |           |                                  |
| 6. Other (eg email, Satphone, etc)               |             |  |           |                                  |
| 7. Prepared by:                                  | Don Geddes  |  |           | Date/Time 15/02/2017 /           |

| <b>1. Incident Name</b><br>Port Hills Complex – EARLY VALLEY  |                 | <b>2. Operational Period</b><br>Date 15/02/17<br>Time 0730-1930 |                               | <b>COMMUNICATIONS PLAN</b> |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
|---|-----------------|---|-------------------------------|----------------------------|--------------------|-----------------|------------------|------------------|-----------------|--------------|---------|------------|--|-------------------------|-----|-------------|-------|--|--|------|------------|-------|--|--|--|--|--|--|--|
| <b>3. Radio Channels</b> <table border="1"> <thead> <tr> <th><b>Assigned To</b></th> <th><b>Function</b></th> <th><b>Channel</b></th> <th><b>Frequency</b></th> <th><b>System</b></th> </tr> </thead> <tbody> <tr> <td>IMT</td> <td>Command</td> <td>ESB164</td> <td></td> <td></td> </tr> <tr> <td>Air</td> <td>Air Support</td> <td>FIRE4</td> <td></td> <td></td> </tr> <tr> <td>Crew</td> <td>Ground Ops</td> <td>FIRE3</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |                 |   |                               |                            | <b>Assigned To</b> | <b>Function</b> | <b>Channel</b>   | <b>Frequency</b> | <b>System</b>   | IMT          | Command | ESB164     |  |                         | Air | Air Support | FIRE4 |  |  | Crew | Ground Ops | FIRE3 |  |  |  |  |  |  |  |
| <b>Assigned To</b>  | <b>Function</b> | <b>Channel</b>  | <b>Frequency</b>              | <b>System</b>              |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
| IMT   | Command         | ESB164  |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
| Air   | Air Support     | FIRE4   |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
| Crew  | Ground Ops      | FIRE3   |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
|   |                 |   |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
| <b>4. Telephone</b> <table border="1"> <thead> <tr> <th><b>Assigned To</b></th> <th><b>Landline</b></th> <th><b>Cellphone</b></th> <th><b>Fax</b></th> <th><b>Comments</b></th> </tr> </thead> <tbody> <tr> <td>Danny Kimber</td> <td></td> <td>0272816709</td> <td></td> <td>Ground Ops Early Valley</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>                 |                 |   |                               |                            | <b>Assigned To</b> | <b>Landline</b> | <b>Cellphone</b> | <b>Fax</b>       | <b>Comments</b> | Danny Kimber |         | 0272816709 |  | Ground Ops Early Valley |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
| <b>Assigned To</b>  | <b>Landline</b> | <b>Cellphone</b>  | <b>Fax</b>                    | <b>Comments</b>            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
| Danny Kimber  |                 | 0272816709  |                               | Ground Ops Early Valley    |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
|   |                 |   |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
|   |                 |   |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
|   |                 |   |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
| <b>6. Other (eg email, Satphone, etc)</b> <table border="1"> <tr> <td></td> <td></td> </tr> </table>  |                 |   |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
|   |                 |   |                               |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |
| <b>7. Prepared by:</b>  | Don Geddes      |   | <b>Date/Time</b> 15/02/2017 / |                            |                    |                 |                  |                  |                 |              |         |            |  |                         |     |             |       |  |  |      |            |       |  |  |  |  |  |  |  |

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| 1. Incident Name                            |                   | 2. Operational Period |                          | AIR OPERATIONS PLAN       |                      |
|---|-------------------|-----------------------|--------------------------|---------------------------|----------------------|
| Port Hills Complex – Sector Delta           |                   | Date<br>Time          | 15/02/17<br>0730-1930    |                           |                      |
| 3. Personnel and Communications             |                   |                       |                          |                           |                      |
| Position                                    | Name              | Affiliation           | Phone                    | Radio Chan                |                      |
| Air Attack Supervisor                       | Richard Macnamara | MKRFA                 | [REDACTED]               | FIRE4                     |                      |
| Air Support Supervisor                      | Atila deOliveria  | Buller DC             | [REDACTED]               | FIRE4                     |                      |
| 4. Air Resource Assignments                 |                   |                       |                          |                           |                      |
| Pilot Name/<br>Company                      | Aircraft<br>Type  | Reg or<br>Callsign    | Assignment               | Tactical<br>Freq/<br>Chan | Telephone<br>Numbers |
|   |                   |                       | 183 Tancreds<br>Airstrip |                           | Onboard:<br>Company: |
|   | Fixed wing<br>x1  |                       |                          |                           |                      |
|   | Squirrel          | UQ                    |                          |                           | [REDACTED]           |
|   | Squirrel          | HOQ                   |                          |                           |                      |
|   | Cabri             |                       |                          |                           |                      |
|   | BU117             | HJU                   |                          |                           | [REDACTED]           |
|   | Hughes 500        | SD                    |                          |                           |                      |
|   | EC120             | HTV                   |                          |                           |                      |
|   | Squirrel          | HPQ                   |                          |                           |                      |
|   | Squirrel          | HDQ                   |                          |                           | [REDACTED]           |
|   | Squirrel          | IBC                   |                          |                           |                      |
|   | BK117             | HGU                   |                          |                           |                      |
|   | Iroquois          |                       |                          |                           |                      |
|   | Iroquois          |                       |                          |                           | [REDACTED]           |
|   | BK117             |                       |                          |                           | [REDACTED]           |
|   | 500               |                       |                          |                           |                      |
| 5. Location of Filling Points/Service Areas |                   |                       |                          |                           |                      |
| Name  | Grid Reference    |                       |                          |                           |                      |
| 101@ 183 Tancreds (airstrip)                |                   |                       |                          |                           |                      |
| Old Tai Tapu Road (Helibase)                |                   |                       |                          |                           |                      |
|   |                   |                       |                          |                           |                      |

**6. Safety Notes / Hazards / Radio Coverage Limitations**

101@ 183 Tancreds (airstrip)  
Old Tai Tapu Road Helibase  
Early Valley Road Sector

**7. Air Operations Special Equip or Service****Ground Crews**

ChCh Heli x5  
NZFSC Lincoln x5  
Mt Hutt x1 caravan  
Beck x 2  
CSI x1?  
Tekapo x 1?

**8. Prepared By:** Don Geddes**Date/Time** 15/02/2017 /

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| <b>1. Incident Name</b><br>Port Hills Complex   | <b>2. Operational Period</b><br>Date 15/02/17<br>Time 0730-1930   | <b>SAFETY PLAN</b>  |
|---|---|---|
| <b>3. General Safety Points</b>   |   |   |
| Particular care around western edge of Marleys Hill fire with regard to potential fire runs from Early Valley fire.   |   |   |
| Extreme caution with any structure protection above Governors Bay and Allendale.  |   |   |
| ACES  | Fire Orders   | Watchouts   |
| L - Lookout(s)<br><br>A – Anchor Point(s)<br><br>C – Communication(s)<br><br>E – Escape Route(s)<br><br>S – Safety Zone(s)  | <ol style="list-style-type: none"> <li>1. Fight fire aggressively but provide for safety first.</li> <li>2. Initiate all action based upon current and expected fire behaviour.</li> <li>3. Recognise current weather conditions and obtain forecasts.</li> <li>4. Ensure instructions are given and understood.</li> <li>5. Obtain current information on fire status.</li> <li>6. Remain in Communication with crew members, your supervisor and adjoining forces.</li> <li>7. Determine safety zones and escape routes.</li> <li>8. Establish lookouts in potentially hazardous situations.</li> <li>9. Retain control at all times.</li> <li>10. Stay alert, keep calm, think clearly, act decisively.</li> </ol> | <ol style="list-style-type: none"> <li>1. Fire not scouted and sized up.</li> <li>2. In country not seen in daylight.</li> <li>3. Safety zones and escape routes not identified.</li> <li>4. Unfamiliar with weather and local factors influencing fire behaviour.</li> <li>5. Uninformed on strategy, tactics and hazards.</li> <li>6. Instructions and assignments not clear.</li> <li>7. No communications link with crew members or supervisor.</li> <li>8. Constructing fireline without safe anchor point.</li> <li>9. Constructing fireline downhill with fire below.</li> <li>10. Attempting frontal assault on fire.</li> <li>11. Unburned fuel between you and the fire.</li> <li>12. Cannot see main fire, not in contact with anyone who can.</li> <li>13. On hillside where rolling material can ignite fuel below.</li> <li>14. Weather is getting hotter and drier.</li> <li>15. Wind increases and/or changes direction.</li> <li>16. Getting frequent spot fires across the line.</li> <li>17. Terrain and fuels make escape to safety zones difficult.</li> <li>18. Taking a nap near the fire line.</li> </ol> |
| <b>4. Specific Safety Points</b>  |   |   |
| <ul style="list-style-type: none"> <li>· Off and on highway – speed limit of 30km, headlights on</li> <li>· Competent four wheel drivers for off road</li> <li>· Power lines/poles/pylons within the fire ground have been burnt but haven't been assessed as yet.</li> </ul> <p><b>MAINTAIN SAFE DISTANCE FROM THESE STRUCTURES FIRE GROUND WILL BECOME SLIPPERY IF SHOWERS OCCUR</b></p> <ul style="list-style-type: none"> <li>· Maintain hydration and nutrition levels</li> <li>· Wasps and bees present</li> <li>· Dust and smoke inhalation</li> <li>· Steep terrain – potential rockfalls, bluffs present</li> <li>· Report all accidents and near misses</li> <li>· Sun exposure/hypothermia</li> <li>· Aircraft movements around heli operations and water bombing</li> <li>· Heavy machinery operations</li> </ul> |   |   |
| <b>5. Prepared By:</b> Graeme Knight  | <b>Date/Time</b> 15/2/2017 /  |   |

| <b>1. Incident Name</b><br>Port Hill Complex   |                   | <b>2. Operational Period</b><br>Date 15/02/17<br>Time 0730-1930 |                             | <b>SECTOR</b>              |                          |
|--|-------------------|---|-----------------------------|----------------------------|--------------------------|
| <b>3. Sector</b><br>Alpha  |                   | <b>4. Description</b><br>Marleys                                |                             | <b>ASSIGNMENT</b>          |                          |
| <b>6. Sector Supervisor</b><br>Danny Kimber  |                   | <b>Affiliation</b><br>DOC                                       | <b>Phone</b><br>[REDACTED]  | <b>Radio Ch</b><br>FIRE2   |                          |
| <b>7. Resources Assigned this period</b>   |                   |   |                             |                            |                          |
| <b>Resource/Crew</b>   | <b>Leader</b>     | <b># Persons</b>  | <b>Transp ort Requir ed</b> | <b>Drop-off Point/time</b> | <b>Pickup Point/time</b> |
| MSCRFA   |                   | 5   |                             |                            |                          |
| MSCRFA   |                   | 5   |                             |                            |                          |
| Bottle Lake RFA  |                   | 3   |                             |                            |                          |
| HCFT   |                   | 4   |                             |                            |                          |
| 3 Helicopters  |                   |   |                             |                            |                          |
|  |                   |   |                             |                            |                          |
|  |                   |   |                             |                            |                          |
| <b>8. Sector Assignment / Special Instructions</b>   |                   |   |                             |                            |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Patrol road edge, prevent from crossing road.<br>Prevent fire breaching retardant line. |                   |   |                             |                            |                          |
| <b>9. Sector Communications</b><br><i>Ch</i>   |                   | <b>Phone</b>  | <b>Radio</b>                |                            |                          |
| Air Attack Supervisor  | Richard Macnamara | [REDACTED]  | FIRE4                       |                            |                          |
| Safety Officer   | Steve Oshner      | [REDACTED]  |                             |                            |                          |
| <b>10. Prepared By:</b>  |                   | Date/Time 15/02/2017 /  |                             |                            |                          |

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| <b>1. Incident Name</b><br>Port Hill Complex  |  | <b>2. Operational Period</b><br>Date 15/02/17<br>Time 0730-1930 |                             | <b>SECTOR ASSIGNMENT</b>   |                          |
|---|--|---|-----------------------------|----------------------------|--------------------------|
| <b>3. Sector</b><br>Bravo   | <b>4. Description</b><br>Early Valley Left Flank |   | <b>5. Division Assigned</b> |                            |                          |
| <b>6. Sector Supervisor</b><br>Al Hutt  |  | <b>Affiliation</b><br>SDC                                       | <b>Phone</b>                | <b>Radio Ch</b><br>FIRE3   |                          |
| <b>7. Resources Assigned this period</b>  |  |   |                             |                            |                          |
| <b>Resource/Crew</b>  | <b>Leader</b>                                    | <b># Persons</b>  | <b>Transport Required</b>   | <b>Drop-off Point/time</b> | <b>Pickup Point/time</b> |
| 5 Helicopters   |  |   |                             |                            |                          |
| 1 Fixed wing  |  |   |                             |                            |                          |
| DOC Aoraki  |  | 5   |                             |                            |                          |
| CCC Coastal   |  | 4   |                             |                            |                          |
| ECan  |  | 10  |                             |                            |                          |
| DOC   |  | 4   |                             |                            |                          |
|   |  |   |                             |                            |                          |
| <b>8. Sector Assignment / Special Instructions</b>  |  |   |                             |                            |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Run hose lines.<br>Patrol Summit Road.<br>Direct attack as required. |  |   |                             |                            |                          |
| <b>9. Sector Communications</b>   |  | <b>Phone</b>  | <b>Radio Ch</b>             |                            |                          |
| Air Support Supervisor  | Carrie Lakin                                     |   | Fire4                       |                            |                          |
| Safety Officer  | Graeme Knight                                    |   |                             |                            |                          |
| <b>10. Prepared By:</b>   |  | Date/Time 15/02/2017 /  |                             |                            |                          |

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| <b>1. Incident Name</b><br>Port Hill Complex  |   | <b>2. Operational Period</b><br>Date 15/02/17<br>Time 0730-1930 |                             | <b>SECTOR ASSIGNMENT</b>   |                          |
|---|---|---|-----------------------------|----------------------------|--------------------------|
| <b>3. Sector</b><br>Charlie   | <b>4. Description</b><br>Early Valley Right Flank |   | <b>5. Division Assigned</b> |                            |                          |
| <b>6. Sector Supervisor</b><br>Dale Wilhelm   |   | <b>Affiliation</b><br>CCL                                       | <b>Phone</b><br>[REDACTED]  | <b>Radio Ch</b><br>FIRE3   |                          |
| <b>7. Resources Assigned this period</b>  |   |   |                             |                            |                          |
| <b>Resource/Crew</b>  | <b>Leader</b>                                     | <b># Persons</b>  | <b>Transport Required</b>   | <b>Drop-off Point/time</b> | <b>Pickup Point/time</b> |
| 5 Helicopters   |   |   |                             |                            |                          |
| 1 Fixed wing  |   |   |                             |                            |                          |
| HCFT  |   | 5   |                             |                            |                          |
| HEB   |   | 4   |                             |                            |                          |
| CCL   |   | 5   |                             |                            |                          |
| CCL   |   | 5   |                             |                            |                          |
|   |   |   |                             |                            |                          |
| <b>8. Sector Assignment / Special Instructions</b>  |   |   |                             |                            |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Run hose lines.<br>Patrol Summit Road.<br>Direct attack as required. |   |   |                             |                            |                          |
| <b>9. Sector Communications</b>   |   | <b>Phone</b>  | <b>Radio Ch</b>             |                            |                          |
| Air Support Supervisor  | Carrie Lakin                                      | [REDACTED]  | Fire4                       |                            |                          |
| Safety Officer  | Graeme Knight                                     | [REDACTED]  |                             |                            |                          |
| <b>10. Prepared By:</b>   |   | Date/Time 15/02/2017 /  |                             |                            |                          |

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| 1. Incident Name<br>Port Hills Complex |                  | 2. Operational Period<br>Date 15/02/17<br>Time 0730-1930 |                     | MEDICAL PLAN                        |          |  |
|--|------------------|--|---------------------|-------------------------------------|----------|--|
| 3. First Aid Station<br>Name           |                  | Location   | Phone/Radio Channel | Paramedics available at Station     |          |  |
| Stu Larsen TL                          |                  | Safe Forward Point                                       | [REDACTED]          | PHEC                                |          |  |
| Neil Franklin                          |                  | Safe Forward Point                                       | [REDACTED]          | PHEC                                |          |  |
| 4. Transportation Ambulance Service    |                  | Address  | Phone/Radio Channel | Paramedics available with Ambulance |          |  |
| Westpac Rescue Heli                    |                  | 515 Memorial Ave   | 03 358 244          |                                     |          |  |
| 5. Hospitals                           |                  |  |                     |                                     |          |  |
| Hospital Name                          | Address          | Phone  | Travel Time         | Burn Unit                           | Heli Pad |  |
| Christchurch Public Hospital           | Hagley Park      | [REDACTED]   | 1 hr                | 20 min                              |          |  |
| Burwood Hospital                       | 300 Burwood Road | [REDACTED]   | 1.5 hr              | 30 min                              |          |  |
| CDHB HPO Matt Willoughby               | [REDACTED]       |  |                     |                                     |          |  |
| 6. Special Emergency Procedures        |                  |  |                     |                                     |          |  |
| 7. Prepared By:                        |                  | Don Geddes   |                     | Date/Time 15/02/17 /                |          |  |
| 8. Reviewed by Safety Officer:         |                  | Graeme Knight  |                     | Date/Time 15/02/17 /                |          |  |

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FIRE BEHAVIOUR FORECAST NO: 1

FIRE NAME: PORT HILLS COMPLEX

PREDICTION PERIOD: Tuesday 14<sup>th</sup> 1500 to Wednesday 15<sup>th</sup> 1800, February 2017

Area: Port Hills Complex, Early Valley and Marley's Hill (Summit Road), Canterbury

Time & Date Forecast Issued: 1500, Feb 14th, 2017

R.Chambers: Fire Behaviour Officer

Weather Summary:

Moderate north-westerlies with possible light southerly change for a few hours mid-Tuesday afternoon. Then turning North-northeast into the evening. Light westerly early Wednesday and then strengthen north-easterly from midday. Overnight low of 8C, RH recovery to 60%. Wednesday maximum 22C and RH low of 25%.

Fire Behaviour General:

The fire ground covers a range of fuel types including cured ungrazed grasses and tussock lands, dense scrub and gorse, regenerating native bush and exotic forest plantations. The fire area encompasses multiple valley systems and ridge lines which include complex and steep terrain, and varying aspects.

Areas of active fire growth with back burning and flare ups are being observed. Rates of spread are slower under forest types while highest in scrub and grass fuels.

Potential exists for flare ups and increases in fire activity due to heavy pine plantation fuel types at both the Marley's Hill and Early Valley fires. The Early Valley fire is also burning in heavy scrub fuels with slopes of approximately 20% which has the potential for rapid upslope runs with rates of spread of around 2-4km/hr in gorse and 1-2km/hr in regenerating native bush. Flame lengths would be in excess of 10m.

Fire behaviour should ease overnight but expect a deterioration in conditions from midday onwards with the potential for extreme fire behaviour conditions developing again during the later afternoon.

FFMCs in the high 80s rising again to 90+ tomorrow mean fine fuels are vulnerable to easy ignition. The BUI (90+) and DC of 500 indicates large amounts of fuel available for combustion and deep seated burning in heavy fuels.

Pressure Points

- 1) The head of the Cashmere Stream: the flanking fire has the potential to cross the valley and run upslope to Worsley Spur and Marleys Hill, threatening properties and assets.
- 2) The two slop-over's across the Summit Road: these backing fires have the potential to spread rapidly down slope under favourable wind conditions threatening Governors Bay and Allandale.
- 3) The plantation sector of the southern flank of the Early Valley fire: the potential exists under fresh NE winds to spread towards the Holmes Valley area.
- 4) Forested sector of the Marleys Hill fire: also has the potential to flare-up and breach containment with strengthening winds.

Safety Considerations:

Tomorrow RH will again drop below 30%. Winds becoming variable and gusty with NW of 20-30km/hr and later becoming NE winds of 30km/hr. Fire spread will become erratic with flanks becoming head fires and threatening ground crews.

Potential exists for backing fires to become fast spreading, high intensity upslope runs with aspect and fuel changes.

Steep terrain requires awareness of rock fall hazard and rapid rates of spread which may be hazardous to ground staff.

Smoke conditions may interfere with aircraft operations during both early morning and changeable winds and slope enhanced fire activity. Smoke may also pose a health hazard to fire fighters and public.

High intensity runs producing ember transport have the potential to breach fire breaks such as roads and bare earth control lines and threaten properties. Uncontained sections of the perimeter also have the potential to continue perimeter growth.

# **Port Hills Complex - Fire Behaviour Estimates**

Prepared: Tue. 14<sup>th</sup> February 2017, 1500 hrs

Fuel types include: Cured grass, tussock, gorse and regenerating native scrub, mixed age exotic plantations.

Fire behaviour calculations based on mid-afternoon weather and FWI conditions, 14 Feb. 2017

Wind speed: 25 km/h average

Noon FFMC: 90.5, Hourly FFMC (1500h): 90.0, Hourly ISI: 15.0, BUI: 92

Slopes: range from flat to 30+ deg, average 20 deg

Upslope SCF: 2.8, Downslope SCF: 0.3

## **Gorse (1.5-2.0 m tall):**

|                       |               |                 |                  |         |
|-----------------------|---------------|-----------------|------------------|---------|
| Flat:                 | ROS 3370 m/h, | AFL 25-30 t/ha, | HFI 51,000 kW/m, | FL 11 m |
| 20 deg upslope:       | 8650 m/h,     |                 | 150,000 kW/m,    | 19 m    |
| 20 deg downslope<br>m | 840 m/h,      |                 | 15,000 kW/m,     | 6.5     |

## **Hardwood Scrub (2.0 m tall):**

|                       |               |              |                  |        |
|-----------------------|---------------|--------------|------------------|--------|
| Flat:                 | ROS 1685 m/h, | AFL 15 t/ha, | HFI 12,500 kW/m, | FL 6 m |
| 20 deg upslope:       | 4330 m/h,     |              | 32,000 kW/m,     | 9 m    |
| 20 deg downslope<br>m | 420 m/h,      |              | 3100 kW/m,       | 3.1    |

## **Immature Pine Plantation (11-20 y.o.):**

|                  |              |              |                |        |
|------------------|--------------|--------------|----------------|--------|
| Flat:            | ROS 652 m/h, | AFL 25 t/ha, | HFI 8100 kW/m, | FL 5 m |
| 20 deg upslope:  | 1863 m/h,    |              | 23,000 kW/m,   | 8 m    |
| 20 deg downslope | 163 m/h,     |              | 2000 kW/m,     | 2.6 m  |

## **Grass (100% cured, 0.3m tall & 80% cover):**

|                  |               |               |                |        |
|------------------|---------------|---------------|----------------|--------|
| Flat:            | ROS 3275 m/h, | AFL 4.9 t/ha, | HFI 8100 kW/m, | FL 5 m |
| 20 deg upslope:  | 9360 m/h,     |               | 23,000 kW/m,   | 8 m    |
| 20 deg downslope | 820 m/h,      |               | 2000 kW/m,     | 2.6 m  |

## **Firebreak construction along Cashmere Stream flank:**

Approx.. 3 km break required

Estimated construction rate for dozer: 1500 m/h

So, estimated 2-3 hours to complete break

Fire could take 30-60 mins to spread 200-400 m to track from estimated flank location

## **Downslope fire spread towards Governors Bay:**

Approx.downslope -17 deg (rise 300 m over 1000 m run)

Downslope fire behaviour in gorse: estimated 1059 m/h, 30 t/ha, 16,000 kW/m, 6.7 m FL

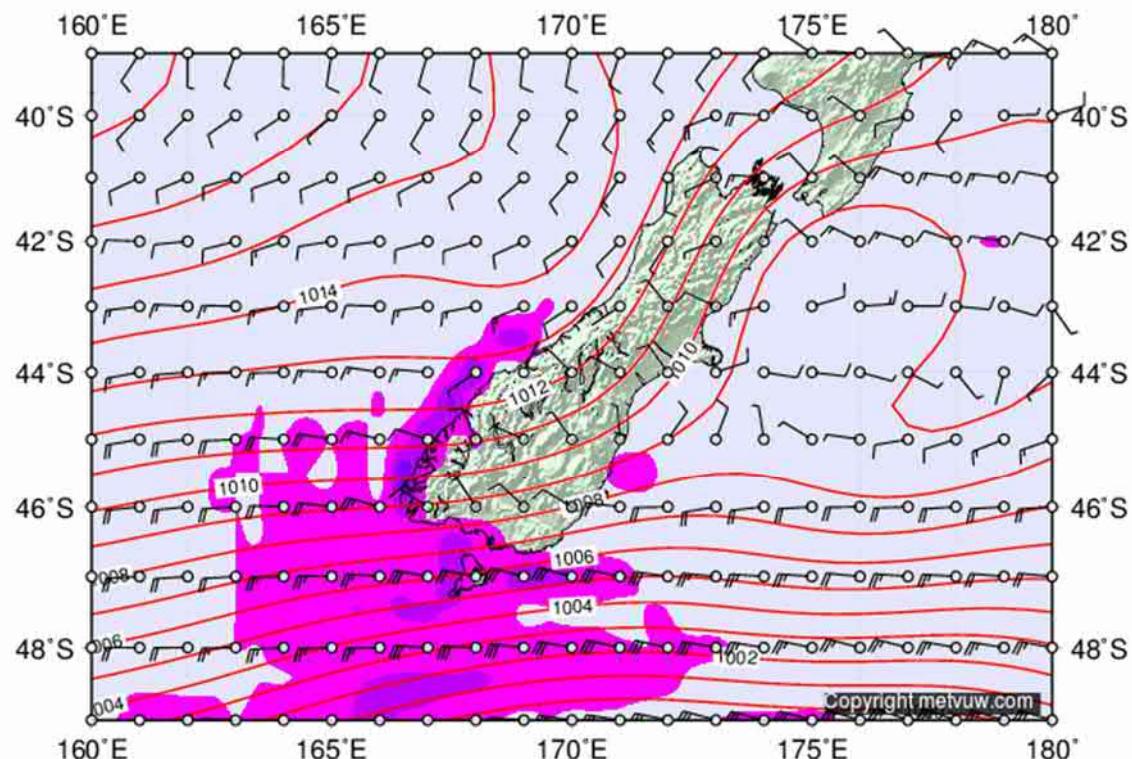
Downslope fire behaviour in hardwood scrub: 530 m/h, 14 t/ha, 3640 kW/m, 3.4 m FL

So, estimated time to travel 1 km downslope run: 1-2 hrs

18-hr forecast of MSLP (hPa), surface wind (kts) and 6-hr accumulated rainfall (mm)

Valid for:- 0100 NZDT Wednesday 15 February 2017

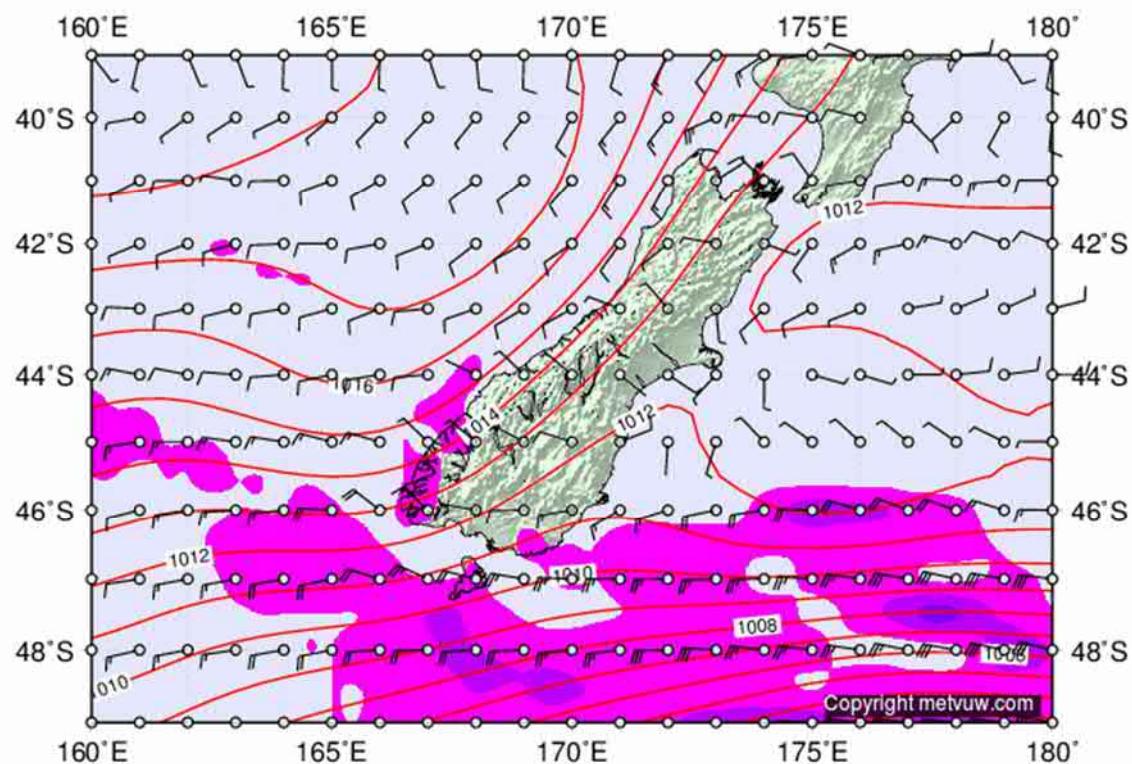
Forecasts issued at:- 0700 NZDT Tue 14 Feb 2017 (1800 GMT Mon 13 Feb 2017)



30-hr forecast of MSLP (hPa), surface wind (kts) and 6-hr accumulated rainfall (mm)

Valid for:- 1300 NZDT Wednesday 15 February 2017

Forecasts issued at:- 0700 NZDT Tue 14 Feb 2017 (1800 GMT Mon 13 Feb 2017)



Plotted by James McGregor

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| 1. Incident Name   | 2. Operational Period              | IAP COVER SHEET |
|--------------------|------------------------------------|-----------------|
| Port Hills Complex | Date 15-16/02/17<br>Time 2000-0800 |                 |

## INCIDENT ACTION PLAN

The items checked below are included in the incident Action Plan

- [SITUATION REPORT](#)
- [INCIDENT OBJECTIVES](#)
- [ORGANISATION LIST](#)
- [COMMUNICATIONS PLAN](#)
- [SAFETY PLAN](#)
- [SECTOR ASSIGNMENT](#)
- [MEDICAL PLAN](#)
- FIRE MAP
- WEATHER FORECAST
- FIRE GROUND ROADING PLAN
- 
- 
- 
- 
- 

### 3. Approved by Incident Controller:

| Name      | Signed | Date/Time       |
|-----------|--------|-----------------|
| Rob Hands |        | 15/02/17<br>hrs |

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| 1. Incident Name   |  | 2. Operational Period |             | SITUATION REPORT |
|--|--|-----------------------|-------------|------------------|
| Port Hills Complex   |  | Date                  | 15-16/02/17 |                  |
|  |  | Time                  | 2000-0800   |                  |
| <b>6. Assessment</b>   |  |                       |             |                  |
| 2 significant fires located on the Port Hills between Sign of the Kiwi and Early Valley have now joined and have compromised significant assets in both locations. Assets compromised include communication repeaters, infrastructure, residential properties, Christchurch Adventure Park infrastructure, and significant recreation and ecological reserves. |  |                       |             |                  |
| At 6:05pm on the 15th February a State of Local Emergency was declared for the Christchurch City Council and Selwyn District Council Areas. CDEM Group staff are co-locating with Christchurch City Council CDEM EOC.  |  |                       |             |                  |
| The Regional Incident Management Team (RIMT) for Rural Fire will remain located at the Selwyn District Council and they will continue to manage the fire response. A liaison officer from Canterbury CDEM Group will be located at the RIMT.   |  |                       |             |                  |
| NZ Police will manage the evacuation of people and Christchurch City Council will manage the welfare support for Christchurch City residents currently being evacuated. 40-50 strong combined Police and Military team patrolling tonight, and are ready to initiate evacuations.  |  |                       |             |                  |
| Road closures remain in place in the vicinity of both fires.   |  |                       |             |                  |
| The Marleys Hill fire has spread extensively down Worsley Spur, causing extensive vegetation burning in the Christchurch Adventure Park. The fire is approaching the residential area of Westmoreland.   |  |                       |             |                  |
| Three further structures have been lost in Hoon Hay Valley Road and one on Old Tai Tapu Road.  |  |                       |             |                  |
| Refined area of the fires is approximately 1655 hectares.  |  |                       |             |                  |
| <b>7. Action taken</b>   |  |                       |             |                  |
| Regional Incident Management Team has been working with resources in the field on both incidents.  |  |                       |             |                  |
| Evacuation of properties in the vicinity of both fires.  |  |                       |             |                  |
| 16 helicopters including aerial platform plus 2 fixed wings were deployed for fire suppression, structure protection and supporting ground crews on Wednesday.   |  |                       |             |                  |
| NZ Fire Service with Forestry crews have worked on containing the fire that has burnt downhill from the ridgeline above Governors Bay and Allandale. This is burning in steep terrain that is likely to pose problems for any suppression efforts. Earlier evacuation of Allandale has been lifted.  |  |                       |             |                  |
| Evacuations are happening in Worsley Road, Hoon Hay Valley Road and Kennedys Bush Road above Cashmere Rd, Dyers Pass Road has been evacuated from Sign of the Takahe, Early Valley Rd. Approx 300 people evacuated to date. Welfare centres have been opened at Te Hapua Halswell Centre and Lincoln Events Centre for people displaced by the fires.          |  |                       |             |                  |
| Road closures remain in place in the vicinity of both fires.   |  |                       |             |                  |
| Geotech assessment of rockfall hazard over Governors Bay and Allandale was completed.  |  |                       |             |                  |
| Restricted Air Space in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February.  |  |                       |             |                  |
| <b>8. Factors</b>  |  |                       |             |                  |

Key factors are

- Extreme Fire Behaviour
- Property evacuations
- Multiple assets of value either compromised or destroyed by fire
- Steep and dissected hill country posing difficulty with access
- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry
- Predicted wind changes with development of strong NE winds late Wednesday
- Significant resource commitment in terms of personnel and equipment
- Possible actions required due to identified rockfall risk
- Orion remains on full alert to respond to any issues with power supply which poses some threat to continuity of power supply to the Port Hills and the greater city.

## **9. Predicted Incident Development**

The Early Valley fire is continuing to require significant suppression efforts, particularly around the forested areas. Further property losses unlikely provided containment lines hold around structures on Worsleys Hill.

Road closures and suppression efforts still likely to be required in the foreseeable future until fires well contained.

**10. Prepared by:** Darrin Woods

**Date/Time** 15/02/17 / hrs

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| 1. Incident Name  | 2. Operational Period | INCIDENT OBJECTIVES             |
|---|-----------------------|---------------------------------|
| Port Hills Complex  | Date<br>Time          | 15-16/02/17<br>2000-0800        |
| <b>3. Overall Incident Objectives</b>   |                       |                                 |
| To protect life by ensuring the safety of all personnel and the public.<br>Provide asset protection to all identified values, where it is safe to do so.<br>Contain, control and extinguish the fire with minimum disruption to community.  |                       |                                 |
| <b>4. Objectives for specified Operational Period</b>   |                       |                                 |
| Maintain watching brief on both Marley Hill and Early Valley Road fires.<br>Patrol perimeter and road verges, where safe to do so. In event of fire escalation report via 111.<br>NZFS Command Unit is situated at the Sign of the Takahe.<br>Maintain public presence around the fire perimeter and interact with the community, when safe to do so. |                       |                                 |
| <b>5. Prepared by:</b>  | Craig Alexander       | <b>Date/Time</b> 15/02/17 / hrs |

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|  |                              |  |            |                          |                |
|--|------------------------------|--|------------|--------------------------|----------------|
| <b>1. Incident Name</b><br>Port Hill Complex |                              | <b>2. Operational Period</b><br>Date 15-16/02/17<br>Time 2000-0800 |            | <b>ORGANISATION LIST</b> |                |
| <b>3. Incident Control</b>                   |                              | Phone  | Cell Phone | Radio Ch                 |                |
| Incident Controller                          | Barry Hunt                   |  | [REDACTED] |                          |                |
| Information Officer                          |                              |  |            |                          |                |
| Safety Officer                               |                              |  |            |                          |                |
| Liaison Officer                              |                              |  |            |                          |                |
| RIMT IC                                      | Rob Hands                    |  | [REDACTED] |                          |                |
|  |                              |  |            |                          |                |
| <b>4. Agency Representative</b>              |                              | Phone  | Cell Phone | Radio Ch                 |                |
| Lead Agency                                  | Selwyn District Council, DOC |  |            |                          |                |
| <b>5. Planning/Intell Section</b>            |                              | Phone  | Cell Phone | Radio Ch                 |                |
| Planning/Intell Manager                      |                              |  |            |                          |                |
| Management Support Unit                      |                              |  |            |                          |                |
| Situation Unit                               |                              |  |            |                          |                |
| Technical Specialists Unit                   |                              |  |            |                          |                |
|  |                              |  |            |                          |                |
| <b>6. Logistics Section</b>                  |                              | Phone  | Cell Phone | Radio Ch                 |                |
| Logistics Manager                            | Don Geddes                   |  | [REDACTED] |                          |                |
| Supply                                       |                              |  |            |                          |                |
| Finance Unit                                 |                              |  |            |                          |                |
| Comms  |                              |  |            |                          |                |
| <b>7. Operations Section</b>                 |                              | Phone  | Cell Phone | Radio Ch                 |                |
| Operations Manager                           | Tim Sheppard                 |  | [REDACTED] |                          |                |
| Air Attack Supervisor                        |                              |  |            |                          |                |
| Air Support Supervisor                       |                              |  |            |                          |                |
| Crews  | DOC West Coast x6            |  |            |                          |                |
| Crews  | High Country Fire Team x3    |  |            |                          |                |
| Crews  | City Care Ltd x3             |  |            |                          |                |
| Crews  | Rob Lambie                   |  |            |                          |                |
| Crews  | Pines Beach (til 22:00 hrs)  |  |            |                          |                |
|  |                              |  |            |                          |                |
| <b>8. Prepared by:</b>                       |                              | Craig Alexander  |            | Date/Time                | 15/02/17 / hrs |

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| <b>1. Incident Name</b><br>Port Hills Complex |                    | <b>2. Operational Period</b><br>Date 15-16/02/17<br>Time 2000-0800 |                  | <b>COMMUNICATIONS PLAN</b>      |
|---|--------------------|--|------------------|---------------------------------|
| <b>3. Radio Channels</b>                      |                    |  |                  |                                 |
| <b>Assigned To</b>                            | <b>Function</b>    | <b>Channel</b>   | <b>Frequency</b> | <b>System</b>                   |
| Barry Hunt                                    | IC                 | FIRE2  |                  | [REDACTED]                      |
| 4 Crews                                       |                    | FIRE2  |                  |                                 |
| Robbie Lambie                                 |                    | FIRE2  |                  |                                 |
|   |                    |  |                  |                                 |
| <b>4. Telephone</b>                           |                    |  |                  |                                 |
| <b>Assigned To</b>                            | <b>Landline</b>    | <b>Cellphone</b>   | <b>Fax</b>       | <b>Comments</b>                 |
| NZFS ComCen                                   | [REDACTED]         |  |                  |                                 |
|   |                    |  |                  |                                 |
|   |                    |  |                  |                                 |
|   |                    |  |                  |                                 |
| <b>6. Other (eg email, Satphone, etc)</b>     |                    |  |                  |                                 |
|   |                    |  |                  |                                 |
| Contact 111                                   | If fire escalates. |  |                  |                                 |
| <b>7. Prepared by:</b>                        | Craig Alexander    |  |                  | <b>Date/Time</b> 15/02/17 / hrs |

| 1. Incident Name   | 2. Operational Period              | SAFETY PLAN |
|--------------------|------------------------------------|-------------|
| Port Hills Complex | Date 15-16/02/17<br>Time 2000-0800 |             |

### 3. General Safety Points

**Particular care around western edge of Marleys Hill fire with regard to potential fire runs from Early Valley fire.**

**Extreme caution with any structure protection above Governors Bay and Allendale.**

| LACES   | Fire Orders   | Watchouts   |
|---|---|---|
| <b>L</b> - Lookout(s)<br><b>A</b> – Anchor Point(s)<br><b>C</b> – Communication(s)<br><b>E</b> – Escape Route(s)<br><b>S</b> – Safety Zone(s) | <ol style="list-style-type: none"> <li>1. Fight fire aggressively but provide for safety first.</li> <li>2. Initiate all action based upon current and expected fire behaviour.</li> <li>3. Recognise current weather conditions and obtain forecasts.</li> <li>4. Ensure instructions are given and understood.</li> <li>5. Obtain current information on fire status.</li> <li>6. Remain in Communication with crew members, your supervisor and adjoining forces.</li> <li>7. Determine safety zones and escape routes.</li> <li>8. Establish lookouts in potentially hazardous situations.</li> <li>9. Retain control at all times.</li> <li>10. Stay alert, keep calm, think clearly, act decisively.</li> </ol> | <ol style="list-style-type: none"> <li>1. Fire not scouted and sized up.</li> <li>2. In country not seen in daylight.</li> <li>3. Safety zones and escape routes not identified.</li> <li>4. Unfamiliar with weather and local factors influencing fire behaviour.</li> <li>5. Uninformed on strategy, tactics and hazards.</li> <li>6. Instructions and assignments not clear.</li> <li>7. No communications link with crew members or supervisor.</li> <li>8. Constructing fireline without safe anchor point.</li> <li>9. Constructing fireline downhill with fire below.</li> <li>10. Attempting frontal assault on fire.</li> <li>11. Unburned fuel between you and the fire.</li> <li>12. Cannot see main fire, not in contact with anyone who can.</li> <li>13. On hillside where rolling material can ignite fuel below.</li> <li>14. Weather is getting hotter and drier.</li> <li>15. Wind increases and/or changes direction.</li> <li>16. Getting frequent spot fires across the line.</li> <li>17. Terrain and fuels make escape to safety zones difficult.</li> <li>18. Taking a nap near the fire line.</li> </ol> |

#### **4. Specific Safety Points**

- Off and on highway – speed limit of 30km, headlights on
- Competent four wheel drivers for off road
- Power lines/poles/pylons within the fire ground have been burnt but have not been assessed as yet. **MAINTAIN SAFE DISTANCE FROM THESE STRUCTURES**
- **FIRE GROUND WILL BECOME SLIPPERY IF SHOWERS OCCUR**
- Maintain hydration and nutrition levels
- Wasps and bees present
- Dust and smoke inhalation
- Steep terrain – potential rockfalls, bluffs present
- Report all accident and near misses
- Sun exposure/hypothermia/hyperthermia
- Aircraft movements around heli operations and water bombing
- Heavy machinery operations
- Potential rootballs dislodging
- Unstable trees with damaged root structures
- Main transmission lines, 30 metre setback due to potential arcing in the thick smoke.
- Beware of public, farmers, recreational users, and stock.

**5. Prepared By:** Graeme Knight

**Date/Time** 15/2/2017 /

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| <b>1. Incident Name</b><br>Port Hill Complex  |                       | <b>2. Operational Period</b><br>Date 15-16/02/17<br>Time 2000-0800 |                      | <b>SECTOR ASSIGNMENT</b>    |                  |
|---|-----------------------|--|----------------------|-----------------------------|------------------|
| <b>3. Sector</b>  | <b>4. Description</b> |  |                      | <b>5. Division Assigned</b> |                  |
| <b>6. Sector Supervisor</b>   |                       | <i>Affiliation</i>   |                      | <i>Phone</i>                | <i>Radio Ch</i>  |
| <b>7. Resources Assigned this period</b>  |                       |  |                      |                             |                  |
| <i>Resource/Crew</i>  | <i>Leader</i>         | <i># Persons</i>   | <i>Vehicles</i>      |                             | <i>Cellphone</i> |
| West Melton   |                       | 2  | 4x4 appliance        |                             |                  |
| HEB   | Robbie Lambie         | 2  | Tanker               |                             |                  |
| High Country Fire Tm  | Barry Hunt            | 3  | 4x4 appliance        |                             |                  |
| City Care Ltd   | Dave Reese            | 4  | Smokechaser & Tanker |                             |                  |
| DOC West Coast  |                       | 6  |                      |                             |                  |
| Pines Beach (til 22:00)   | Rob Lambie            | 4  |                      |                             |                  |
|   |                       |  |                      |                             |                  |
| <b>8. Sector Assignment / Special Instructions</b>  |                       |  |                      |                             |                  |
| Patrolling and monitoring.<br>Maintain watching brief on both Marley Hill and Early Valley Road fires.<br>Patrol perimeter and road verges, where safe to do so. In event of fire escalation report via 111.<br>NZFS Command Unit is situated at the Sign of the Takahe.<br>Maintain public presence around the fire perimeter and interact with the community, when safe to do so. |                       |  |                      |                             |                  |
| <b>9. Sector Communications</b>   |                       | <i>Phone</i>   | <i>Radio Ch</i>      |                             |                  |
| Air Attack Supervisor   |                       |  |                      |                             |                  |
| Safety Officer  |                       |  |                      |                             |                  |
| <b>10. Prepared By:</b>   |                       | <b>Date/Time</b> 15/02/17 / hrs                                    |                      |                             |                  |

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| 1. Incident Name<br>Port Hills Complex  |  | 2. Operational Period<br>Date 15-16/02/17<br>Time 2000-0800   |  | MEDICAL PLAN   |                     |          |  |
|---|--|---|--|--|---------------------|----------|--|
| 3. First Aid Station<br>Name<br>Antz<br>Paddy   |  | Location<br>Safe Forward Point<br>Safe Forward Point          | Phone/Radio<br>Channel<br>[REDACTED]<br>[REDACTED] | Paramedics<br>available at Station<br>PHEC (til 21:30)<br>PHEC (til 21:30) |                     |          |  |
| 4. Transportation<br>Ambulance Service<br>Westpac Rescue Helicopter   |  | Address<br>515 Memorial Ave                                   | Phone/Radio<br>Channel<br>03 358 244               | Paramedics<br>available with Ambulance                                     |                     |          |  |
| 5. Hospitals<br>Hospital Name<br>Christchurch Public Hospital<br>Burwood Hospital<br>CDHB HPO Matt Willoughby |  | Address<br>Hagley Park<br>300 Burwood Road<br>DDI 03 378 6733 | Phone<br>[REDACTED]<br>[REDACTED]                  | Travel Time<br>Road<br>1 hr  | Burn Unit<br>20 min | Heli Pad |  |
| 6. Special Emergency Procedures   |  |   |  |  |                     |          |  |
| 7. Prepared By:   |  | Don Geddes  |  | Date/Time 15/02/17 / hrs   |                     |          |  |
| 8. Reviewed by Safety Officer:  |  | Graeme Knight   |  | Date/Time 15/02/17 / hrs   |                     |          |  |

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FIRE BEHAVIOUR FORECAST NO: 2

FIRE NAME: PORT HILLS COMPLEX

PREDICTION PERIOD: Wednesday 15<sup>th</sup> 1300 to Wednesday 16<sup>th</sup> 2000, February 2017

Area: Port Hills Complex; Early Valley, Marleys Hill and Governors Bay (Summit Road), Canterbury

Time & Date Forecast Issued: 1300, Feb 15th, 2017

R.Chambers: Fire Behaviour Officer

Weather Summary:

Wednesday: Light westerlies, changing to north-east and freshening into the afternoon. Winds 060/070, rising 30km/hr, Gusting 40km/hr. Max 22C and RH low of 30%.

Overnight: North-easterlies persisting fresh at higher levels and easing at lower levels. RH recovering to 80%.

Thursday: NE 20-30km/hr, Temp Max 20C, RH Min 50%.

Fri/Sat: Computer models indicates keen northeast winds during this period. Average speeds likely reach 40 to 45 km/h with gusts 55 km/h at times. The good news is that the northeast flow brings in low cloud and higher RH. Patchy light rain/drizzle is expected at times, esp. from Fri evening through to Sat morning. Top temps stay in the teens. RH could be 100% at times at higher elevations.

Fire Behaviour General:

The fire ground covers a range of fuel types including cured ungrazed grass and tussock lands, dense scrub and gorse, regenerating native bush and various aged exotic forest plantations. The fire area encompasses multiple valley systems and ridge lines which include complex and steep terrain, and varying aspects.

Areas of active fire growth with back burning and flare ups are being observed. Rates of spread are slower under forest types while highest in scrub and grass fuels.

Potential continues for flare ups and increases in fire activity due to heavy pine plantation fuel types at both the Marley's Hill and Early Valley fires. The Early Valley fire is also burning in heavy scrub fuels with slopes of approximately 20% which has the potential for rapid upslope runs with rates of spread of around 2-4km/hr in gorse and 1-2km/hr in regenerating native bush. Flame lengths would be in excess of 10m.

The backing fire above Governors Bay in regenerating native hardwoods has the potential to become a head fire as the NE develops in the Lyttelton Harbour basin.

A general deterioration in fire behaviour conditions is expected from early afternoon onwards with the potential for extreme fire behaviour under fresh to strong north-easterlies.

Observed FDC/FWI for Port Hills – 1100hrs 15/02/2017

| STATION     | FOREST | SCRUB | GRASS | FFMC | ISI | FWI | TEMP | RH | DIR   | WSP | RN24 | DMC | DC  | BUI | GC% |
|-------------|--------|-------|-------|------|-----|-----|------|----|-------|-----|------|-----|-----|-----|-----|
| Bottle Lake | H      | E     | H     | 89   | 5   | 20  | 19.1 | 28 | 209.0 | 5.4 | 0    | 71  | 711 | 114 | 75  |
| Burnham     | H      | E     | H     | 89   | 5   | 18  | 19.5 | 26 | 189.0 | 4.7 | 0    | 61  | 484 | 93  | 80  |
| Motukarara  | H      | E     | H     | 91   | 6   | 22  | 18.3 | 25 | 202.0 | 5.0 | 0    | 61  | 469 | 92  | 70  |

FFMCs in the high 80s rising again to 90+ mean fine fuels are vulnerable to easy ignition. The BUI (90+) and DC of 500 indicates large amounts of fuel available for combustion and deep seated burning in heavy fuels.

Pressure Points under Fresh NE wind change

- 1) Sector A Marleys Hill fire: the potential exists for south-easterly spread with strengthening winds and breach containment under Marleys Hill and risk of encirclement of assets such as residences and communications arrays.
- 2) Sector B on the northern flank of the Early Valley fire at the head of the Cashmere Stream: the flanking fire has the potential to continue cross the valley and run upslope to Worsley Spur and Marleys Hill, threatening properties and assets.
- 3) Sector C on the southern flank of the Early Valley fire: the potential exists under fresh NE winds for escape into dense forestry fuels and spread towards the Holmes Valley area.
- 4) Sector D Governors Bay and Allandale: Backing fires have the potential to become head fire and move southward under Cass Peak towards Living Springs conference complex.

Safety Considerations:

|   |  |                           |
|---|--|---------------------------|
| 1. Incident Name<br>Port Hills Complex  | 2. Operational Period                                | SITUATION REPORT<br>RF201 |
|   | Date: 15 February 2017<br>Time: 1000hrs              |                           |
| 3. Location<br>Marleys Hill and Early Valley  | 4. Vegetation<br>Forest/Scrub/Grass/Slash/<br>Other: | 5. NZ Topo50 Grid Ref.    |
| <b>6. Assessment</b><br>Marleys Hill fire has grown considerably overnight. Currently has 4 crews supported by 3 helicopters working to reestablish the perimeter containment lines.<br>Early Valley fire continues to burn. Significant efforts into structure protection in Early Valley and Governors Bay are continuing. 8 crews supported by 10 helicopters and 2 fixed wings are working on structure protection and extending the perimeter containment lines.<br>No further structures have been lost beyond those reported earlier.<br>Refined area of the fires is approximately 863 hectares.  |  |                           |
| <b>7. Action taken</b><br>Regional incident Management team is managing both fire sites<br>Road closures remain in place in the vicinity of both fires. Some closures likely to remain in place over next 24 hours, with extension of closures to popular mountain bike trails around Kennedys Bush in place.<br>Use of heavy machinery to open up existing tracks and create new tracks is being actioned to provide additional containment lines.<br>Welfare Centre has been opened at Governors Bay School overnight.<br>Geotech assessment of rockfall hazard over Governors Bay and Allandale was completed and identified no immediate concerns for populated areas.<br>Restricted Air Space in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February.<br>Fire Investigators continue to work onsite.                      |  |                           |
| <b>8. Factors</b><br>Key factors are <ul style="list-style-type: none"> <li>• High wire hazard associated with Marleys fire.</li> <li>• Multiple assets of value either compromised or destroyed by fire</li> <li>• Steep and dissected hill country posing difficulty with access/escapes</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Predicted wind changes with development of strong NE winds from midday will test the southern boundaries and crews need to be aware of potential changes in fire behaviour.</li> <li>• Significant resource commitment in terms of personnel and equipment</li> <li>• Limited water supplies close to the fire ground are being exhausted.</li> <li>• NRFA Coordination Centre has opened, and CCC EOC has been activated for Welfare support.</li> </ul> |  |                           |
| <b>9. Predicted Incident Development</b><br>Southern flanks of Marleys and Eastern Valley fires have the potential to escape containment lines.<br>Forecast wind light to variable westerlies turning fresh north easterlies from midday. 20-30 kph, relative humidity may drop to 30% through the afternoon. Temperatures max 22. Persistent north easterlies for the next 24 hours.<br><br>Road closures and suppression efforts still likely to be required in the foreseeable future until fires well contained. Crews will be onsite until early next week.  |  |                           |
| 10. Prepared by: Darrin Woods   | Date/Time 15/02/2017 1000 hrs                        |                           |

Winds becoming fresh NE of 30km/hr. Fire spread will become erratic with flanks becoming head fires and threatening ground crews.

Potential exists for backing fires to become fast spreading, high intensity upslope runs with aspect and fuel changes.

Steep terrain requires awareness of rock fall hazard and rapid rates of spread which may be hazardous to ground staff.

Smoke conditions may interfere with aircraft operations and may also pose a health hazard to fire fighters and public.

High intensity runs producing ember transport have the potential to breach fire breaks such as roads and bare earth control lines and threaten properties. Uncontained sections of the perimeter also have the potential to continue perimeter growth.

From: EOC Controller  
Sent: Wednesday, 15 February 2017 12:06 p.m.  
To: Councillors and Mayor; Executive Leadership Team; Rutledge, Andrew  
Cc: EOC Logistics; EOC Public Information Management; CCC CDEM Duty Officer; Ritchie, Jocelyn; Keenan, Di; Healy, Amanda  
Subject: Port Hills Fire Update

Good afternoon,

The Fire Service has advised that residents from Allandale who evacuated overnight are able to return to their homes from midday today.

Residents should be aware that firefighting efforts, including aerial support, is still underway.

The evacuation centre located at Governors Bay school has now closed as residents have left the centre.

We have provided one Public Information Management staff member, and one GIS staff member to the Rolleston Emergency Operations Centre (EOC).

The Christchurch EOC, which opened to support the welfare effort in Governors Bay, will now wind down.

The Civil Defence Duty Officer will continue to monitor communications from the Rolleston EOC.

This will be the final update from the Christchurch EOC.

Please note that these updates remain unofficial and are prepared for your information rather than wider circulation. You can share the official EOC updates through your community contacts.

Regards,

John Mackie  
Controller

From: Swiggs, Deon  
Sent: Wednesday, 15 February 2017 2:22 p.m.  
To: Edwards, Karleen; Dalziel, Lianne  
Subject: Fwd: Port Hills fire emergency

Is this going to be reassessed? People are worried, I am worried and this is very much a city issue as far as I'm concerned. I'm very worried if this isn't contained today that tonight may see assets lost.

Deon Swiggs  
Councillor - Central  
Christchurch City Council  
0275794447

sent from Samsung Galaxy

From: Swiggs, Deon  
Sent: Tuesday, 14 February, 17:46  
Subject: Port Hills fire  
To: Edwards, Karleen

Hi Karleen

I'm getting a number of people asking why we haven't declared a local state of emergency over the fires. Considering the situation as it is I don't see why we wouldn't but I don't fully yet understand the process. So I have a couple of questions.

1. Has a local state of emergency been considered.
2. If not, why not
3. If yes why has it not been declared.

Thabk you

Deon Swiggs  
Councillor - Central  
Christchurch City Council  
0275794447

sent from Samsung Galaxy

From: Munro, Paul  
Sent: Wednesday, 15 February 2017 2:25 p.m.  
To: Councillors and Mayor  
Cc:  
[REDACTED]  
Subject: FW: Port Hills Fire and the Christchurch Adventure Park Update 4 - Wednesday morning 0900

Hi

Update from Rob below from earlier today – hopefully the position improves today

Kind regards, Paul

---

From: Hall, Rob  
Sent: Wednesday, 15 February 2017 8:22 a.m.  
To: Dalziel, Lianne; Edwards, Karleen; Turner, Andrew; Keenan, Di; 'Raf Manji'; Bill Dwyer; Darren Wright; Dr Jane Gregg; Fiona Mules; Matt Russell; Peter Houghton  
Cc: Healy, Amanda; Stewart, James; Clarke, Steve; Lieschke, Joel; Richardson, Liz; Anstiss, Brendan; Silk, Paul; Munro, Paul  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 4 - Wednesday morning 0900

Dear all,

The fire is yet to be contained in the area north of the CAP and is within the CAP boundary; however the lift is operational at this time. The village is unaffected. Helicopter crews are operating this morning. Assessment of damage will be made when appropriate.

The CAP is closed until further notice.

Warm regards

Rob

**Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd

PO Box 333

Level 1, Building 2

181 High Street, Christchurch

NEW ZEALAND



DCL Core values:- Confidence, Connectedness, Effectiveness and Empowering Our People

From: Keenan, Di  
Sent: Wednesday, 15 February 2017 2:25 p.m.  
To: Dalziel, Lianne  
Subject: RE: Urgent- Power outages in the city.

Hi Lianne,  
Just trying to find out more, but thought it important to get traffic message out asap given there is likely to be chaos.  
Will get back as soon as I get more..  
Cheers di.

From: Dalziel, Lianne  
Sent: Wednesday, 15 February 2017 2:24 p.m.  
To: Keenan, Di [REDACTED]  
Subject: Re: Urgent- Power outages in the city.

What's caused it?

Get [Outlook for iOS](#)

From: Keenan, Di [REDACTED]  
Sent: Wednesday, February 15, 2017 2:22 PM  
Subject: Urgent- Power outages in the city.  
To: Senior Leaders [REDACTED] Councillors and Mayor [REDACTED] Community Governance Managers [REDACTED]  
[REDACTED] Community Board Advisers [REDACTED] Comm Bd Mbrs (exc Crs)

Hello all,

We have just put out the following message.  
"As a result of widespread power outages across Christchurch City, we are aware there are numerous traffic lights affected. Please take care when driving, and apply the right-hand rule, i.e. give way to traffic on your right."

We will update you as more information comes to hand."

Kind regards  
Di.

**Diane Keenan**  
**Manager**  
Public Information and Participation Unit

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73014, Christchurch, 8154

Please consider the environment before printing this email



From: Keenan, Di  
Sent: Wednesday, 15 February 2017 2:29 p.m.  
To: Dalziel, Lianne  
Subject: RE: Urgent- Power outages in the city.

Just for information, I have just had a call from Rob Jamieson at Orion. Transpower supply is down affecting initially 85,000 customers now down to 30,000. Orion are assisting by running through their own network - however their lines also travel across the Port Hills. The issue today is that smoke apparently can cause shorting in the lines so as the smoke envelopes the city there is a risk of further power cuts.  
He will update if there are any changes.

From: Dalziel, Lianne  
Sent: Wednesday, 15 February 2017 2:26 p.m.  
To: Keenan, Di [REDACTED]  
Subject: Re: Urgent- Power outages in the city.

Absolutely - just wondering if fire related

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From: Keenan, Di [REDACTED]  
Sent: Wednesday, February 15, 2017 2:25 PM  
Subject: RE: Urgent- Power outages in the city.  
To: Dalziel, Lianne [REDACTED]

Hi Lianne,  
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Will get back as soon as I get more..  
Cheers di.

From: Dalziel, Lianne  
Sent: Wednesday, 15 February 2017 2:24 p.m.  
To: Keenan, Di [REDACTED]  
Subject: Re: Urgent- Power outages in the city.

What's caused it?

Get [Outlook for iOS](#)

From: Keenan, Di [REDACTED]  
Sent: Wednesday, February 15, 2017 2:22 PM  
Subject: Urgent- Power outages in the city.  
To: Senior Leaders [REDACTED] Councillors and Mayor [REDACTED] Community Governance Managers [REDACTED]  
Community Board Advisers [REDACTED] Comm Bd Mbrs (exc Crs) [REDACTED]

Hello all,

We have just put out the following message.  
"As a result of widespread power outages across Christchurch City, we are aware there are numerous traffic lights affected. Please take care when driving, and apply the right-hand rule, i.e. give way to traffic on your right."

We will update you as more information comes to hand."

Kind regards  
Di.

**Diane Keenan**  
**Manager**  
Public Information and Participation Unit  
[REDACTED]

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73014, Christchurch, 8154  
Please consider the environment before printing this email



From: Keenan, Di  
Sent: Wednesday, 15 February 2017 2:55 p.m.  
To: Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Community Board Advisers; Senior Leaders  
Subject: latest traffic information following the power outage.

Power has been restored to most of the affected intersections in the north, east and the CBD. A few intersections are still flashing yellow, but work crews are attending to them now. Road users should still take care until these sites are fixed.

There are no other incidents affecting the roads this afternoon.

### **Port Hills Fire Road Closures**

Sightseers wishing to have a look at the fires have been causing issues for emergency services. We ask that people please stay well away from the area of the fires. This is so that emergency services personnel can do their job and keep people safe.

Road closure information:

- Kennedys Bush Road is closed form the roundabout with Rock Hill Drive. This includes the southbound cycle track
- Worsleys Track from Worseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Update: Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road
- Early Valley Road is closed
- Holmes Road & Holmeswood Rise - Residents are allowed access to their homes. Not open to through traffic

Please stay well away from the area and off the roads so that emergency services personnel can do their job and keep people safe.

Check the Transport For Christchurch website [www.tfc.govt.nz](http://www.tfc.govt.nz) for further updates from approximately 7am.

Want to know the journey times into the city? Use the Transport for Christchurch travel time dashboard at [tfc.govt.nz](http://tfc.govt.nz).

For the latest update on the roads in and around Christchurch, see below.

- Dyers Pass Rd will now be closed to traffic on Wednesday February 23, between Governors Bay Rd & Summit Rd. This is rescheduled maintenance work involving the replacement of the road surface. The closure will be in place all day and is weather dependent. Motorists are advised to use Lyttleton Tunnel & Governors Bay Rd if wanting to go to Governors Bay.
- The Old Waimakariri River Bridge (Main North Rd) will be closed overnight from 7pm to 6am from February 12 to the morning of February 25. The detour is the Northern Motorway.
- Estuary Rd is closed between Blake St & Kibblewhite St for night work until March 3. A detour is in place during work time as well as a 30kph speed restriction.
- Bealey Ave will have lane drops in the eastbound lanes from Carlton Mill Corner to Montreal St from Monday February 13 to Tuesday February 28 for night works.
- Bealey Ave is down to two lanes westbound between Barbadoes St and Madras St for resurfacing works until February 19. Expect delays at peak times.
- Anzac Dr & Pages Rd Intersection will have a road closure & speed restrictions in place from Wednesday 15 February to Saturday 18 February for night works. This is in order to replace the road surface at the intersection. Detours will be in place & road users wanting to go to New Brighton are advised to use Wainoni Rd.
- Hereford St is closed to eastbound traffic at Cambridge Tce. Motorists wanting to head eastbound should consider using Tuam St, Armagh St and Cashel St as an alternative.
- Hereford St is currently one way westbound from Manchester St to Colombo St due to the demolition of the old BNZ building.
- Moorhouse Ave is now down to two lanes westbound due to road reconstruction works. Expect delays during peak times.
- Durham St is down to one lane between Kilmore St and Tuam St. Motorists are advised to expect delays during peak times. All businesses are open and accessible on Durham St. Please use Barbadoes St or Fitzgerald Ave as an alternative. Please continue to support and shop at local businesses.
- Manchester St one way southbound now between Oxford Tce and Hereford St. Northbound traffic should use Madras St. This is due to road reconstruction.
- Madras St is closed north of Bealey Ave at the intersection with Edgeware Rd until February 28 as part of the northern relief water main work. A detour is in place. Use Barbadoes St north of Bealey Ave as an alternative route.
- Edgeware Rd is closed between Lindsay St and Allard St to allow for the replacement of the northern relief water main. This closure is expected to remain in place until the end of February 2017.
- Woodham Rd is one-way eastbound between Worcester St and Kerrs Rd. Westbound traffic is detoured via Buckleys Rd -Linwood Ave - Gloucester St.
- Dyers Rd has a temporary 30kmh speed limit in place so expect delays in peak times. A lane in each direction is being maintained. These works are related to road widening

For more information go to the [TFC website](http://TFC website)

### **Diane Keenan**

**Manager**  
Public Information and Participation Unit

Web: [www.ccc.govt.nz](http://www.ccc.govt.nz)  
Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch

From: Keenan, Di  
Sent: Wednesday, 15 February 2017 2:51 p.m.  
To: Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Community Board Advisers; Senior Leaders  
Subject: Power Update

Power has been restored to most of the affected intersections in the north, east and the CBD. A few intersections are still flashing yellow, but work crews are attending to them now. Road users should still take care until these sites are fixed.

**Diane Keenan**  
**Manager**  
Public Information and Participation Unit

Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73014, Christchurch, 8154

Please consider the environment before printing this email



From: Edwards, Karleen  
Sent: Wednesday, 15 February 2017 3:46 p.m.  
To: All Staff  
Subject: Information for staff regarding the Port Hills Fires

Importance: High

Kia ora koutou katoa

I'm aware of the growing concern regarding the Port Hills fires and want to reassure you that we are working hard with our neighbouring Councils and emergency services to mitigate the spread of the fires.

Selwyn District Council is leading the response efforts and we are receiving information from them and Civil Defence frequently as the situation changes. We are posting these updates on [Newsline](#) - this information is updated as often as possible throughout the day and will continue overnight.

Please check in with your manager should you feel you need to attend to your family/household wellbeing, particularly if the situation deteriorates overnight. Please ensure you have their mobile numbers in order to check in with them if you are unable to come in to work tomorrow.

Also ensure you and your family members are mindful of the advice from the CDHB regarding the health risk associated with the smoke spread across the city.

I'm sure all staff will join me in thanking our colleagues who are working directly on the fire response.

Kia kaha

Karleen

From: Davidson, Mike  
Sent: Wednesday, 15 February 2017 5:05 p.m.  
To: Edwards, Karleen  
Cc: Dalziel, Lianne  
Subject: Re: Declaration of Local State of Emergency - Information

Thank you for this update Karleen, I'm sure we (Councillors) are all aware of the multiple groups involved with this fire and the work that Council staff are currently doing with this very serious situation. Although this captures more areas than Christchurch City, the people of Christchurch right across the city are extremely concerned about this continuing fire and the sooner we as a Council communicate via the radio the better. Although we are not the lead, people expect us to be.

Regards  
Mike

Mike Davidson  
Christchurch City Councillor  
Papanui Ward

021 189 6700

---

From: Edwards, Karleen [REDACTED]  
Sent: Wednesday, February 15, 2017 4:46 PM  
Subject: FW: Declaration of Local State of Emergency - Information  
To: Councillors Only [REDACTED] Smith, Ariana [REDACTED] Keenan, Di [REDACTED]  
Cc: Executive Leadership Team [REDACTED]

Dear Councillors  
The information below explains the chain of command in our current situation.  
Please be aware that as we get information we are pushing it out as well as supporting Selwyn as the incident controllers. We are planning some radio ads to assist residents in making decisions about possible evacuations.  
Our teams continue to raise the option of declaration and will be prepared to support it if and/or when that option becomes a reality.  
At the moment staff are frantically busy supporting the frontline.  
We will provide a separate note on the evacuations which are being managed by the Police.  
Regards  
Karleen

---

From: Palmer, Alicia  
Sent: Wednesday, 15 February 2017 4:32 p.m.  
To: Edwards, Karleen [REDACTED] Richardson, Mary [REDACTED]  
Subject: Declaration of Local State of Emergency - Information

Hello Karleen & Mary,

Apologies for the delay. I have been typing this response for the last hour. Please let me know if there is anything else you would like me to cover off.

#### Chain of Command

In terms of the chain of command, the fires are being managed by a Regional Incident Management Team. This means it is a coordinated approach between Selwyn, Department of Conservation, and CCC. There is a high level of coordination, with support from the National Coordination Centre from the National Rural Fire Authority. NZ Police and NZ Fire Service are working in close liaison with the Selwyn EOC.

I spoke with the Incident Controller, Douglas Marshall, Steve Turek, Fire Service Region 4 Manager and Darrin Woods, CCC Principal Rural Fire Officer, earlier this afternoon regarding the need to declare a State of Local Emergency. While conditions are challenging, it is the view of the Regional Incident Management Team that these difficulties would not be resolved through a declaration.

#### The Powers of the Act

A Declaration of a Local State of Emergency provides Controllers with extra-ordinary power designed to deliver an effective and swift response. When to declare is a matter of judgement and dependant on each event.

A declaration provides key powers, as prescribed in the legislation, and include powers such as:

Closing roads and public places

Requisitioning powers

Power to give directions

#### Resources

Additional resources are continually being organised for the coming days, and at this stage resourcing has been adequate for the size of the fire.

Contingency plans are being developed and NZ Police and NZ Fire Service are working in close liaison with the Selwyn EOC.

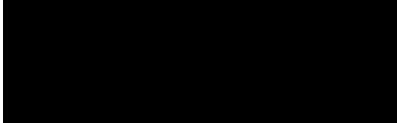
The NZ Fire Service and Rural Fire still have a lot of resources in reserve, with substantial resources available both locally and regionally. The Regional Incident Management Team will continually review the need for a declaration over a 24 hour period.

#### Declaration for the Hastings Fire

It is useful to understand that Hastings declared a state of local emergency with their fire recently because they had a prohibited fire season in place and people were not paying attention to this. The declaration was made primarily to raise awareness and get community buy-in to stop lighting fires.

Kind regards,

Alicia Palmer  
Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

  
Christchurch City Council  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154  
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From: Sam Broughton [REDACTED]  
Sent: Wednesday, 15 February 2017 7:45 p.m.  
To: David Ayers  
Cc: Dalziel, Lianne  
Subject: Re: Fire

Thanks David  
Thanks for the offer:)  
Will let you know if there are things we particularly need.

Cheers  
Sam Broughton  
Mayor of Selwyn

On 15/02/2017, at 7:33 PM, David Ayers [REDACTED] wrote:

Hi Lianne and Sam

In this terrible situation for Christchurch and Selwyn, we are thinking of you and offer any additional assistance you need beyond what you are already receiving.

Regards  
David

David Ayers | Mayor  
Waimakariri District Council  
[REDACTED]

Customer Service: 03 311 8900 or 03 327 6834 Sent from my mobile phone SELWYN DISTRICT COUNCIL 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch  
[REDACTED] [www.selwyn.govt.nz](http://www.selwyn.govt.nz) | [m.selwyn.govt.nz](http://m.selwyn.govt.nz) | [www.selwynlibraries.co.nz](http://www.selwynlibraries.co.nz) | [www.selwyn.getsready.net](http://www.selwyn.getsready.net)

From: Munro, Paul  
Sent: Wednesday, 15 February 2017 6:49 p.m.  
To: Councillors and Mayor; Bruce Irvine; Jeremy Smith; Alex Skinner; Sarah Smith; Halstead, Noeline; Scales, Leah; Ward, Lynley; Edwards, Karleen; Ritchie, Jocelyn; Bellette, Carol  
Subject: Fwd: Orion update on fires  
Attachments: image001.png; ATT00001.htm; 170215 Update Orion prepared for any overnight issues.pdf; ATT00002.htm; 170215 Orion media release Port Hills fire update.pdf; ATT00003.htm

Hi all

FYI to close the loop for today from an Orion perspective see below and attached FYI.

Regards Paul.

Paul Munro

Begin forwarded message:

From: David Freeman-Greene [REDACTED]  
Date: 15 February 2017 at 6:12:58 PM NZDT

Subject: Orion update on fires

Hi Paul

FYI please find attached 2 of the recent press releases we have issued today.

As you know our key issue today was a significant outage this afternoon where we lost about 89,000 customers, following an outage caused by smoke from the fires tripping a Transpower line. We managed to restore power to these customers within 30 mins by rerouting power around the network, including through our new Northern loop cable. Otherwise numbers of customers without power, to date, have peaked at 160.

The fires remain unpredictable and our network is susceptible to further outages as a result.

As well as notifying key stakeholders and putting out media releases we will be also using radio to let customers know that there is a possibility of further outages.

We continue to monitor the situation and remain ready to respond.

Regards

David

David Freeman-Greene  
General Manager Commercial

From: Munro, Paul  
Sent: Wednesday, 15 February 2017 5:02 p.m.  
To: Councillors and Mayor

Cc: [REDACTED]  
Subject: FW: Port Hill Fires

Hi again

FYI, an update below from Malcolm at CIAL in terms of the CIAL response to the Port Hills fires. In addition Malcolm has told me there are no fire related disruptions to operations at the Airport at this point in time. While the airports primary radar is located on top of the Port Hills, this has not been damaged at this point and there are secondary radar systems available in any event.

Kia kaha

Paul

Paul Munro  
Chief Executive  
[REDACTED]

---

From: Malcolm Johns [REDACTED]  
Sent: Wednesday, 15 February 2017 4:54 p.m.  
To: Munro, Paul  
Subject: Port Hill Fires

Hi,

FYI.

1. We have release staff affected by the fires and evacuation orders.
2. We have accommodated the aviation based emergency response within the normal airfield operations, including setting up a temporary base alongside 1129 (cross wind) for fixed wing aircraft laying fire suppressant in the Port Hills. In conjunction with Airways an emergency operations circuit along 1129 to facilitate quick turnaround.
3. This afternoon we have received a request from NZ Fire Service for assistance. Our priority is to maintain the safe operation of the airport, ensure we continue to meet our CAA Part 139 obligations and ensure we safely manage fatigue and stress within our own firemen and women. Having reviewed the request we have concluded that we can release one machine to NZ Fire Service and can allow off duty firemen/women to support NZ Fire if they are able to and/or switch shifts with on duty staff if that assists. We will manage fatigue accordingly.
4. Unfortunately it appears today's flare up has occurred in the new Christchurch Adventure Park (mountain biking and other adventure activity). It appears difficult to see how the Park will have avoided material damage and our thoughts are with the owners and staff. For Christchurch visitor sector this is a real set back.

Regards

Malcolm Johns  
Chief Executive  
[REDACTED]



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From: Jordan, Rosie  
Sent: Wednesday, 15 February 2017 4:49 p.m.  
To: Dalziel, Lianne  
Subject: FW: Declaration of Local State of Emergency - Information  
  
Importance: High

Apologies for selecting the incorrect email address when sending this.

---

From: Edwards, Karleen  
Sent: Wednesday, 15 February 2017 4:47 p.m.  
To: Councillors Only; Smith, Ariana; Keenan, Di  
Cc: Executive Leadership Team  
Subject: FW: Declaration of Local State of Emergency - Information

Dear Councillors

The information below explains the chain of command in our current situation.  
Please be aware that as we get information we are pushing it out as well as supporting Selwyn as the incident controllers. We are planning some radio ads to assist residents in making decisions about possible evacuations.  
Our teams continue to raise the option of declaration and will be prepared to support it if and/or when that option becomes a reality.  
At the moment staff are frantically busy supporting the frontline.  
We will provide a separate note on the evacuations which are being managed by the Police.

Regards  
Karleen

---

From: Palmer, Alicia  
Sent: Wednesday, 15 February 2017 4:32 p.m.  
To: Edwards, Karleen [REDACTED] Richardson, Mary [REDACTED]  
Subject: Declaration of Local State of Emergency - Information

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- Closing roads and public places
- Requisitioning powers
- Power to give directions

#### Resources

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Kind regards,

Alicia Palmer

Head of Civil Defence Emergency Management and Rural Fire  
Civil Defence Emergency Management & Rural Fire Unit

From: Johanson, Yani  
Sent: Wednesday, 15 February 2017 4:04 p.m.  
To: Dalziel, Lianne; Councillors Only  
Cc: Edwards, Karleen; Ritchie, Jocelyn; Keenan, Di; Richardson, Mary  
Subject: RE: Port Hills Fire

[REDACTED]

---

From: Dalziel, Lianne  
Sent: Wednesday, 15 February 2017 3:58 p.m.  
To: Councillors Only  
Cc: Edwards, Karleen; Ritchie, Jocelyn; Keenan, Di; Richardson, Mary  
Subject: Port Hills Fire

[REDACTED] Selwyn District Council has the lead and CCC has staff supporting their EOC. You will be informed if this changes (e.g. We re-establish an EOC). Here is the media coverage of the Westmoreland story. It is serious and you will be updated as soon as possible. <http://www.stuff.co.nz/the-press/news/89420865/houses-evacuated-as-christchurch-fire-spreads>

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---

From: Yani Johanson <[yani.johanson@gmail.com](mailto:yani.johanson@gmail.com)>  
Sent: Wednesday, February 15, 2017 3:55 PM  
Subject: Re: Westmortland being evacuated?????  
To: Swiggs, Deon <[deon.swiggs@ccc.govt.nz](mailto:deon.swiggs@ccc.govt.nz)>  
Cc: Councillors and Mayor [REDACTED] Edwards, Karleen [REDACTED]

Hi Deon

Not surprising, it looks like a nuclear bomb has gone off out that way. I am wondering what we need for a state of emergency given what's happening. I'm assuming the adventure park is in a pretty bad situation too.

Very sad.

Yani

On 15 Feb 2017 3:47 p.m., "Swiggs, Deon" <[Deon.Swiggs@ccc.govt.nz](mailto:Deon.Swiggs@ccc.govt.nz)> wrote:

Ive heard this from media. Is this true, are we getting updates?

Deon Swiggs  
Councillor - Central  
Christchurch City Council  
0275794447

sent from Samsung Galaxy

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Christchurch City Council  
<http://www.ccc.govt.nz>

\*\*\*\*\*

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Very sad.

Yani

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Ive heard this from media. Is this true, are we getting updates?

Deon Swiggs  
Councillor - Central  
Christchurch City Council  
0275794447

sent from Samsung Galaxy

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Christchurch City Council  
<http://www.ccc.govt.nz>

\*\*\*\*\*

From: Edwards, Karleen  
Sent: Wednesday, 15 February 2017 5:25 p.m.  
To: Dalziel, Lianne  
Subject: Declaration of Local State of Emergency - Information  
  
Importance: High

Dear Lianne

Advice regarding a Declaration of Local State of Emergency

Who and how the declaration should be made

The Mayor of Christchurch City Council and Mayor of Selwyn would make a statement that they are declaring for their districts. Behind scenes we would have paper work that the Chair of the Canterbury Joint Committee is declaring for Selwyn and Christchurch. This would not need to be in any media announcement.

Advantages of a Declaration

A declaration provides key powers, as prescribed in the legislation, and include powers such as:

- Closing roads and public places
- Requisitioning powers
- Power to give directions

At this stage, we are achieving all these things without the need of a declaration, however, advantages of a declaration include:

- Public confidence
- Clarity to other agencies about the seriousness of the situation

Impact of a Declaration on the existing response structure

Technically the Group Controller, Neville Riley, would assume control under a declaration. Neville Riley has assured us that he would support the existing structure, enabling the Rolleston EOC to exercise the control.

Christchurch City has established an EOC and will manage the welfare response for Christchurch

City Council Leads

We have spoken to Alicia Palmer, Head of CDEM and Rural Fire, and to Darrin Woods, Principal Rural Fire Officer, they would support a declaration if it was for the purpose of public confidence. They would not want to see the current response undermined.

Regards  
Karleen

From: Neville Reilly [REDACTED]  
Sent: Wednesday, 15 February 2017 7:07 p.m.  
To: [REDACTED]

Subject: Declaration of Local Emergency

To Canterbury CDEM Joint Committee, CEG members and partner agencies.

Hi All,

At 6:05pm on the 15<sup>th</sup> February a State of Local Emergency was declared for the Christchurch City Council and Selwyn District Council Areas.

CDEM Group staff are co-locating with Christchurch City Council EOC.

The Regional Incident Management Team (RIMT) for Rural Fire will remain located at the Selwyn District Council and they will continue to manage the fire response. A liaison officer from Canterbury CDEM Group will be located at the RIMT.

NZ Police will manage the evacuation of people and Christchurch City Council will manage the welfare support for Christchurch City residents currently being evacuated.

Please continue to contact the CDEM Group Duty Officer in the first instance, it is Jessica Petersen 03 366 2359

Regards  
Neville

### Neville Reilly

Regional Civil Defence Group Controller  
Regional Emergency Management Office  
Canterbury Civil Defence Emergency Management Group  
PO Box 345, Christchurch 8140  
41 Chester St West, Christchurch  
[REDACTED]  
[REDACTED]



[www.cdemcanterbury.govt.nz](http://www.cdemcanterbury.govt.nz)



## Declaration of state of local emergency

Section 68, Civil Defence Emergency Management Act 2002

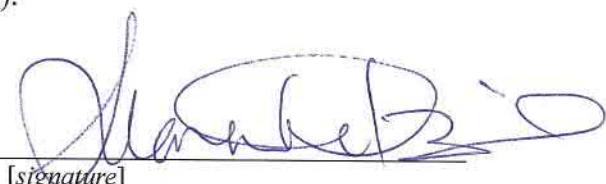
I, Lianne Dalziel,  
[full name]

declare that a state of local emergency exists in Christchurch City and Selwyn District  
[specify names of Civil Defence Emergency Management Group area, districts, or wards]

owing to fire on the Port Hills and surrounding area.  
[describe emergency]

The state of local emergency comes into force immediately on the making of this declaration, and expires 7 days after the time and date on which it comes into force (unless extended or terminated at an earlier time).

Declared by:



[signature]

Designation: [Select the applicable designation]

- Person appointed and authorised by the Civil Defence Emergency Management Group to declare a state of local emergency for its area.
- Representative of a member of the Civil Defence Emergency Management Group [select this designation where no appointed person is or is likely to be able to exercise the power to declare a state of local emergency].
- Mayor of the district for which the state of local emergency is declared.
- Elected member of the district for which the state of local emergency is declared (designated to act on behalf of the mayor when the mayor is absent).

Time and date of declaration: 15th February 2017 at 6pm.

### Notes

1. Calculating “7 days after the time and date on which the state of emergency comes into force”: If a state of local emergency came into force at 9.35am on 1 January, it would expire at 9.35am on 8 January. If a state of local emergency came into force at 9.35am on a Friday, it would expire at 9.35am on the following Friday.
2. This declaration must be—
  - (a) notified to the public immediately by any means of communication that are reasonably practicable in the circumstances; and
  - (b) published in the *Gazette* as soon as practicable. It is recommended that publication in the *Gazette* occur within 20 working days after the state of emergency is terminated.

## **Declaration of state of local emergency**

*Section 68, Civil Defence Emergency Management Act 2002*

I, Lianne Dalziel,  
[full name]

declare that a state of local emergency exists in Christchurch City and Selwyn District  
[specify names of Civil Defence Emergency Management Group area, districts, or wards]

owing to fire on the Port Hills and surrounding area.  
[describe emergency]

The state of local emergency comes into force immediately on the making of this declaration, and expires 7 days after the time and date on which it comes into force (unless extended or terminated at an earlier time).

Declared by: \_\_\_\_\_  
[signature]

Designation: [Select the applicable designation]

- Person appointed and authorised by the Civil Defence Emergency Management Group to declare a state of local emergency for its area.
- Representative of a member of the Civil Defence Emergency Management Group [select this designation where no appointed person is or is likely to be able to exercise the power to declare a state of local emergency].
- Mayor of the district for which the state of local emergency is declared.
- Elected member of the district for which the state of local emergency is declared (designated to act on behalf of the mayor when the mayor is absent).

Time and date of declaration: \_\_\_\_\_

### **Notes**

1. Calculating “7 days after the time and date on which the state of emergency comes into force”: If a state of local emergency came into force at 9.35am on 1 January, it would expire at 9.35am on 8 January. If a state of local emergency came into force at 9.35am on a Friday, it would expire at 9.35am on the following Friday.
2. This declaration must be—
  - (a) notified to the public immediately by any means of communication that are reasonably practicable in the circumstances; and
  - (b) published in the *Gazette* as soon as practicable. It is recommended that publication in the *Gazette* occur within 20 working days after the state of emergency is terminated.

From: EOC Controller  
Sent: Wednesday, 15 February 2017 4:59 p.m.  
To: Councillors and Mayor; Senior Leaders; Executive Leadership Team; Community Governance Managers; Comm Bd Mbrs (exc Crs)  
Cc: EOC Controller; EOC Public Information Management  
Subject: Christchurch Civil Defence Update #3

Christchurch Civil Defence Update #3

Wednesday 15 February 2017, 5.00pm

Dear all,

Given the worsening situation regarding the Port Hills fires, the Christchurch Civil Defence Emergency Operations Centre is being reactivated at 4.30pm today.

Selwyn District Council remains the lead agency at this stage for all management and communications around the fire. It is important to maintain one source of truth for public information, however we are sharing all of their updates. We are also very aware of the needs of elected members for information to share with your communities.

The latest information is as follows:

- Residents are being evacuated from Worsley Road, Cracroft, the bottom of Hoon Hay Valley Road and the Westmorland area. It is estimated that 200-300 people are affected.
- Police have directed them to Pioneer Stadium, with 20-30 people there by around 4.30pm today. This may be a temporary arrangement, however the details are still unfolding.
- Centres at Nga Hau e Wha and Tuahiwi Marae are also being activated. Others may follow.
- Media reports of damage to the Christchurch Adventure Park are being broadcast.
- People are advised to stay away from the hills to allow emergency services access and ensure swift evacuation.
- Christchurch Civil Defence is issuing radio updates advising people worried about their safety to leave their homes. We are also advising that, if widespread evacuation is needed, emergency services will inform residents directly.

The situation is developing quickly and we will keep you updated as soon as more information is available.

Please note that these updates remain unofficial and are prepared for your information rather than wider circulation. You can share the official EOC updates through your community contacts.

John Mackie

Controller

From: Neville Reilly <[REDACTED]  
Sent: Wednesday, 15 February 2017 5:57 p.m.  
To: Richardson, Mary  
Cc: Dalziel, Lianne; Palmer, Alicia  
Subject: FW: Declaration Form - Port Hills Fire.doc  
Attachments: Declaration Form - Port Hills Fire.doc

Good afternoon,

Here is the form to be signed, and please return to me so that we can gazette it.

Regards  
Neville

From: EOC Public Information Management  
Sent: Wednesday, 15 February 2017 5:57 p.m.  
To: Dalziel, Lianne  
Subject: State of Emergency

Hello,

In a few moments, myself and Selwyn District Mayor Sam Broughton will declare States of Emergency in our respective districts. We are working through the details of the declaration right now and it requires careful management between the two neighbouring districts. I wanted to give you a heads-up ahead of the announcement, but please keep this confidential at this stage.

You will received the public statement as soon as it is finalised.

Regards,

From: EOC Public Information Management  
Sent: Wednesday, 15 February 2017 6:05 p.m.  
To: [REDACTED]; Woods, Da [REDACTED]  
Cc: Comm Bd Mbrs (exc Crs); Senior Leaders; Community Governance Managers  
EOC Controller; EOC Public Information Management; Palmer, Alicia  
Subject: State of Emergency Declared

STATES OF EMERGENCY DECLARED IN CHRISTCHURCH AND SELWYN

The Mayors of Christchurch City and Selwyn District have made a joint decision to declare States of Emergency in their respective areas in relation to the Port Hills fires.

The declaration follows the evacuation this afternoon of 200-300 residents as the fire shifted closer to residential properties. It is no longer just a significant rural fire on the boundary of the city. It is now a city issue with suburbs being evacuated.

Christchurch Mayor Lianne Dalziel says a city response is also required to ensure the safety and welfare of residents.

"Christchurch needs a multi-agency response given the seriousness of the situation. We need to be able to draw on all the resources possible to give our residents confidence in the ongoing response."

Selwyn District Mayor Sam Broughton says, "we acknowledge there has been a huge effort responding to the fire to date, however this declaration recognises the seriousness of the situation, and this will allow us to provide all the assistance necessary to respond to the unfolding situation.

"The district and the city must work together to manage the situation and address the different challenges the fire is creating in each area."

From: EOC Public Information Management  
Sent: Wednesday, 15 February 2017 6:12 p.m.  
To: Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Senior Leaders; EOC Controller  
Subject: Orion media release - 15 Feb 2017 - UPDATE: Orion prepared for any overnight issues  
Attachments: 170215 Update Orion prepared for any overnight issues.pdf; ATT00001.htm

Hello all,  
Here is the media release from Orion.  
Regards Di

Orion media release - for immediate release  
15 February 2017

UPDATE: Orion prepared for any overnight issues

Orion remains on full alert, ready to respond to any issues with power supply as a result of the fires continuing in the Port Hills.

The unpredictability of the fire and the course it may take poses some threat to continuity of power supply to the Port Hills and the greater city.

It is possible that there will be further outages until the fires are fully extinguished.

Orion urges residents in the Port Hills area to take particular care around electricity at this time.

The company is working closely with emergency services to co-ordinate its response to any developments and ensure its customers are kept up to date as soon as information is made available.

For updates on outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

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Thank you

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From: EOC Controller  
Sent: Wednesday, 15 February 2017 7:09 p.m.  
To: Councillors and Mayor; Senior Leaders; Executive Leadership Team; Community Governance Managers; Comm Bd Mbrs (exc Crs)  
Cc: EOC Controller; EOC Public Information Management  
Subject: Christchurch Civil Defence Update #3

Christchurch Civil Defence Update #3

Wednesday 15 February 2017, 7.00pm

WELFARE CENTRES OPEN FOR RESIDENTS

Residents who have been evacuated due to the Port Hills fires are able to seek help at two city welfare centres at Te Hapua Halswell Centre and Nga Hau e Wha Marae.

As of 6.30pm, just a handful of residents had arrived at the centres.

Around 300-400 people have been officially evacuated from homes in Worsley Road, Cracroft, the bottom of Hoon Hay Valley Road and the Westmorland area. Hundreds of others across the hills have self-evacuated as the fire spreads.

Welfare Centres are now open at Te Hapua Halswell Centre on Halswell Road and Nga Hau e Wha Marae on Pages Road, for residents who have been evacuated as a result of the Port Hills fires.

Christchurch Civil Defence Controller John Mackie says States of Emergency have been declared in Christchurch and Selwyn. The NZ Defence Force has also been deployed to support the response.

Canterbury Regional Controller Neville Reilly has been deployed to the Christchurch Civil Defence Emergency Operations Centre to head the overall response to the fires.

GENERAL INFORMATION

- If you are at all worried or uncomfortable remaining in your home, please evacuate. You can go to either of the city welfare centres for assistance.
- People are advised to stay away from the hills to allow emergency services access and ensure swift evacuation.
- Orion remain on full alert, ready to respond to any issues with power supply as a result of the fires. It is possible that there will be further outages until the fire is fully extinguished.

John Mackie

Controller EOC Christchurch

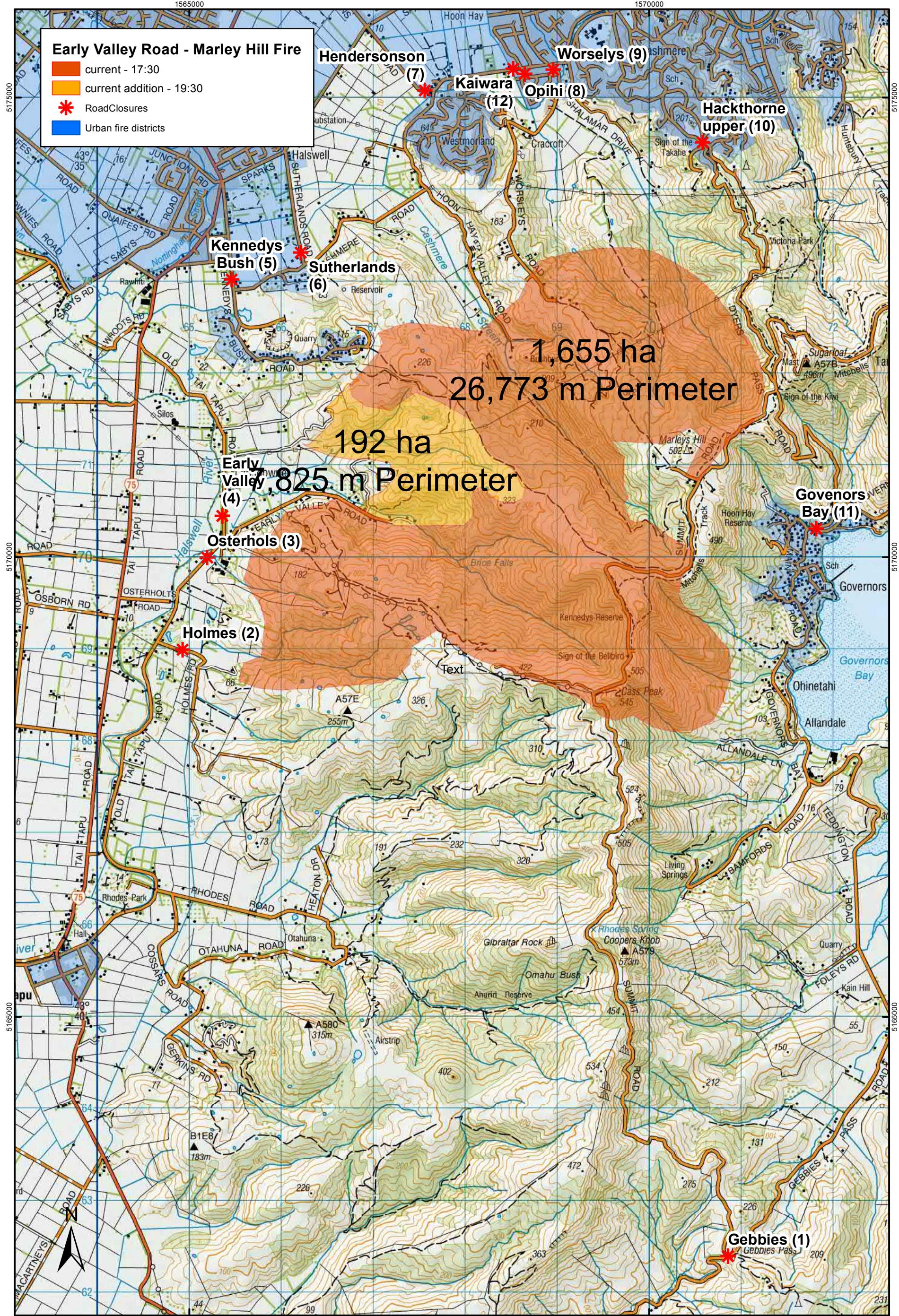
From: David Ayers [REDACTED]  
Sent: Wednesday, 15 February 2017 7:34 p.m.  
To: Dalziel, Lianne; Sam Broughton  
Subject: Fire  
  
Importance: High

Hi Lianne and Sam

In this terrible situation for Christchurch and Selwyn, we are thinking of you and offer any additional assistance you need beyond what you are already receiving.

Regards  
David





# **Early Valley Road - Marley Hill Fire**

## **Wednesday, 15 February 2017 @ 1730 with 1930 update**

From: EOC Public Information Management  
Sent: Wednesday, 15 February 2017 9:44 p.m.  
Subject: Civil Defence - Urgent Update on fire

Christchurch Civil Defence Update #4  
Wednesday 15 February 2017, 9.40pm

#### OVERNIGHT PLANS FOR FIRE MANAGEMENT

Residents in the area from the Sign of the Takahe to Victoria Park should evacuate their homes immediately.

Authorities are advising that the fire has crossed Dyers Pass Road into Victoria Park.

Police and the Defence Force are evacuating properties in the area. They are also evacuating the south side of Cashmere Road to Kennedys Bush Road and to Hoon Hay Valley Road.

Helicopters and fixed planes have been stood down for the night from fighting the Port Hills fires, but fire crews remain on the ground monitoring the situation.

The fires are burning within an estimated 1,655 hectare area on both sides of the Port Hills, but not all of this area is alight as the fire has been extinguished in some locations. If a member of the public is concerned about a flare up overnight, which they believe may threaten lives or property, we advise them to call emergency services on 111.

Around 300-400 people have been officially evacuated from homes in Worsley Road, Cracroft, the bottom of Hoon Hay Valley Road and the Westmorland area. Hundreds of others across the hills have self-evacuated as the fire spreads.

A welfare centre has been set up at Te Hapua Halswell Centre to assist evacuated residents. Only a handful of residents have visited Te Hapua Halswell Centre seeking information. Nga Hau e Wha Marae has been made available.

Canterbury Regional Controller Neville Reilly has been deployed to the Christchurch Civil Defence Emergency Operations Centre to head the overall response to the fires.

#### GENERAL INFORMATION

- If you are at all worried or uncomfortable remaining in your home, please evacuate. You can go to either of the city welfare centres for assistance.
- People are advised to stay away from the hills to allow emergency services access and ensure swift evacuation.
- Orion remain on full alert, ready to respond to any issues with power supply as a result of the fires. It is possible that there will be further outages until the fire is fully extinguished.

Authorities are extremely grateful for the many offers of assistance and donated goods for those affected by the fire, currently no donated good are needed and peoples' accommodation needs are being managed. Agencies are currently planning to establish a relief fund for those affected the fires.

From: EOC Public Information Management  
Sent: Wednesday, 15 February 2017 9:38 p.m.  
To: Councillors and Mayor; Comm Bd Mbrs (exc Crs); Senior Leaders; nick.bryant@parliament.govt.nz; Georgina Stylianou; Smith, Ariana; Community Governance Managers  
Cc: Gilbert, Anna; Ritchie, Jocelyn; Murphy, Emily  
Subject: More evacuations...update on fire .URGENT

Christchurch Civil Defence Update #4

Wednesday 15 February 2017, 9.40pm

#### OVERNIGHT PLANS FOR FIRE MANAGEMENT

Residents in the area from the Sign of the Takahe to Victoria Park should evacuate their homes immediately.

Authorities are advising that the fire has crossed Dyers Pass Road into Victoria Park.

Police and the Defence Force are evacuating properties in the area. We are also evacuating the south side of Cashmere Road to Kennedys Bush Road and to Hoon Hay Valley Road.

Helicopters and fixed planes have been stood down for the night from fighting the Port Hills fires, but fire crews remain on the ground closely watching and ready to act if the situation changes.

The fires are burning within an estimated 1,655 hectare area on both sides of the Port Hills, but not all of this area is alight as the fire has been extinguished in some locations. If a member of the public is concerned about a flare up overnight, which they believe may threaten lives or property, we advise them to call emergency services on 111.

Around 300-400 people have been officially evacuated from homes in Worsley Road, Cracroft, the bottom of Hoon Hay Valley Road and the Westmorland area. Hundreds of others across the hills have self-evacuated as the fire spreads.

A welfare centre has been set up at Te Hapua Halswell Centre to assist evacuated residents. Only a handful of residents have visited Te Hapua Halswell Centre seeking information. Nga Hau e Wha Marae has been made available.

Canterbury Regional Controller Neville Reilly has been deployed to the Christchurch Civil Defence Emergency Operations Centre to head the overall response to the fires.

#### GENERAL INFORMATION

- If you are at all worried or uncomfortable remaining in your home, please evacuate. You can go to either of the city welfare centres for assistance.
- People are advised to stay away from the hills to allow emergency services access and ensure swift evacuation.
- Orion remain on full alert, ready to respond to any issues with power supply as a result of the fires. It is possible that there will be further outages until the fire is fully extinguished.

Authorities are extremely grateful for the many offers of assistance and donated goods for those affected by the fire, currently no donated good are needed and peoples' accommodation needs are being managed. Agencies are currently planning to establish a relief fund for those affected by the fires.

From: EOC Public Information Management  
Sent: Wednesday, 15 February 2017 10:10 p.m.  
Subject: Clarification re: Nga Hau e Wha Marae availability

Just a correction to the media release sent at 9.40pm, Nga Hau e Wha Marae is not open at the moment, but will be made available if necessary.

Christchurch Civil Defence Emergency Operations Centre

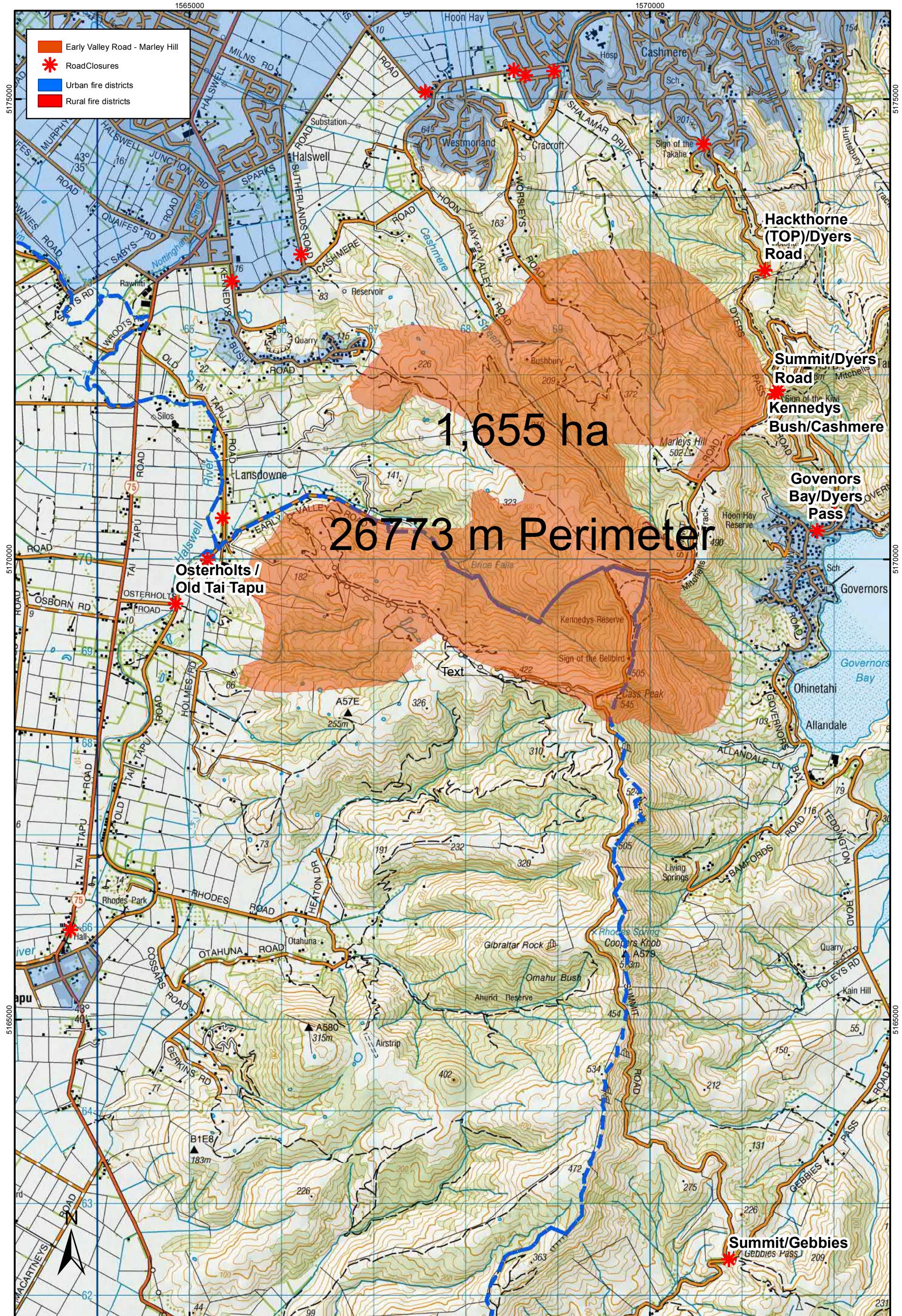
authorised media to be present but satisfied that only evacuees happy to be interviewed will be put in front of them. There was an announcement at the end of Singularity U that CDEM taking over arena for evacuees and it's been on the news. So good idea to send email to elected members with update and include local MPs as well as they won't have any other way of being informed

Text messages between Lianne Dalziel and NZ Police - John Price

Today 10:14 PM

Lianne. Police have been supporting fire and undertaking evaluation. The declaration has been of real assistance so thank you. Let me know if you require anything from police and we shall continue to link in with your EOC. Regards John Price

|  |  |                           |
|--|--|---------------------------|
| 1. Incident Name<br>Port Hills Complex   | 2. Operational Period                                | SITUATION REPORT<br>RF201 |
|  | Date: 15 February 2017<br>Time: 2300hrs              |                           |
| 3. Location<br>Marleys Hill and Early Valley   | 4. Vegetation<br>Forest/Scrub/Grass/Slash/<br>Other: | 5. NZ Topo50 Grid Ref.    |
| <b>6. Assessment</b><br>The Port Hill fires have now merged into one, with significant development during the afternoon and continuing in the evening. Estimated area of the fire is now in excess of 1850ha and still growing. Fire has crossed Dyers Pass Road below Sign of the Kiwi and is developing in Victoria Park. It has also spread to within close proximity of the dense residential housing of Westmoreland.<br>Indications are that there have been a significant number of properties affected. At least 3 additional houses have been destroyed in the area of Worsleys Road. 2 public meetings were conducted – one each in Selwyn and Christchurch.   |  |                           |
| <b>7. Action taken</b><br>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.<br>Works during the day focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so.<br>A number of evacuations have been undertaken as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads. Plans have been prepared to extend evacuation cordons overnight if the need arises.<br>Road closures have been extended.<br>Welfare Centres have been opened at Halswell Library and Lincoln Event Centre and are being managed by Civil Defence.<br>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February.<br>Power authorities are working to maintain service. |  |                           |
| <b>8. Factors</b><br>Key factors are <ul style="list-style-type: none"> <li>• Smoke reducing visibility</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Continued significant resource commitment in terms of personnel and equipment</li> <li>• Limited water supplies close to the fire ground are being exhausted.</li> <li>• Damage to power infrastructure</li> <li>• Heavy traffic volumes with bystanders</li> </ul>   |  |                           |
| <b>9. Predicted Incident Development</b><br>Potential for fires to continue to spread towards residential properties overnight, with fresh easterly winds continuing.<br>Fire east of Dyers Pass will continue to develop with no active suppression – reassessment will be required in the morning.<br>Incident Management Team is being escalated to support this complex, with support from multiple agencies.<br>Out of region resources are being mobilised.  |  |                           |
| 10. Prepared by: Darrin Woods  | Date/Time 15/02/2017 2330 hrs                        |                           |



# **Early Valley Road - Marley Hill Fire**

## **Wednesday, 15 February 2017 @ 1730**

1  
Kilometers

From: EOC Public Information Management  
Sent: Wednesday, 15 February 2017 11:21 p.m.  
To: Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Community Board Advisers; Senior Leaders;  
[REDACTED]  
Cc: Ritchie, Jocelyn  
Subject: Update on fires

Christchurch Civil Defence Update #5

Wednesday 15 February 2017,

Update on fires.

Around 40 houses have been destroyed on Worsley Spur as additional staff continue to work through the night evacuating households at risk from the Port Hills fire.

Police and New Zealand Defence personnel are currently evacuating homes in the Kennedys Bush, Cashmere and Hoon Hay Valley roads as well as homes from the Sign of the Takahe to Victoria Park. The advice from Civil Defence is that if you have any concerns about your safety, leave your home.

The fire crossed Dyers Pass road this evening.

A welfare centre has been set up at Te Hapua Halswell Centre and the Nga Hau e Wha Marae is now open to residents evacuated.

From: EOC Welfare  
Sent: Wednesday, 15 February 2017 11:41 p.m.  
To: Ch'ng, Mabel; Buck, Vicki; Chen, Jimmy; Ch'ng, Mabel; Clearwater, Phil; Cotter, Pauline; Davidson, Mike; East, David; Galloway, Anne; Gough, Jamie; Johanson, Yani; Keown, Aaron; Livingstone, Glenn; Manji, Raf; Scandrett, Tim; Swiggs, Deon; Templeton, Sara; Turner, Andrew; Dalziel, Lianne  
Cc: CGT Coastal-Burwood  
Subject: Coastal - Burwood Bus Tour change in schedule for Councillor Briefing - Civic Offices 12pm (Midday) Thursday

Importance: High

Hello all,

There will be a briefing for all Councillors at the Civic offices on Thursday at 12pm (midday) with regards to the civil defence emergency. If you are on the Coastal - Burwood Community Board bus tour we have asked that the bus be diverted to civic to drop you off so you can attend. The briefing is due to be completed by 1pm at which time you can make your way to rejoin the tour if you wish to do so. Staff on the bus will advise you as to where this meeting place will be.

Thank you for your time on this.

Regards  
EOC Welfare

From: EOC Public Information Management  
Sent: Wednesday, 15 February 2017 11:53 p.m.  
To: Councillors and Mayor; Comm Bd Mbrs (exc Crs); Community Governance Managers; Community Board Advisers; Senior Leaders; [REDACTED] Georgina Stylianou; Smith, Ariana; Stephen.hill\_selwyn.govt.nz; Pringle, Ross; EOC Controller; EOC Planning; EOC Public Information Management; EOC Operations; EOC Operations; EOC Welfare  
Subject: Correction on houses destroyed.

Christchurch Civil Defence Update #6

Wednesday 15 February 2017,

Update on fires

We have just received a correction from the Police on earlier information about the number of homes that have been destroyed on Worsley Spur.

Around two to three houses are known to have been destroyed in this area, not 40 as previously reported.

Police and New Zealand Defence personnel are currently evacuating homes in the Kennedys Bush, Cashmere and Hoon Hay Valley roads as well as homes from the Sign of the Takahe to Victoria Park. The advice from Civil Defence is that if you have any concerns about your safety, leave your home.

The fire crossed Dyers Pass road this evening and into Victoria Park.

A welfare centre has been set up at Te Hapua Halswell Centre and the Nga Hau e Wha Marae is now open to residents evacuated.

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 12:58 a.m.  
Subject: Christchurch Civil Defence Port Hills Fire Update #7

Christchurch Civil Defence Update #7  
Wednesday 15 February 2017 12:55pm

Update on fires

The Port Hill fires have now merged into one, developing significantly during the afternoon and into this evening.

The estimated area of the fire is now in excess of 1850ha and still growing. The fire has crossed Dyers Pass Road below Sign of the Kiwi and is developing in Victoria Park. It has also spread to within close proximity of the dense residential housing of Westmoreland.

At least three additional houses have been destroyed in the area of Worsleys Road.

Evacuations are continuing, as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads, and streets in the vicinity of Longhurst Terrace in Cashmere. The area south of Sign of the Takahe on Dyers Pass Road has also been evacuated.

There is the potential for fires to continue to spread towards residential properties overnight, with fresh easterly winds continuing. Evacuation areas will be extended overnight if the need arises.

Police are planning to knock on doors and phone residents in areas that must evacuate. However, if people are worried or feel uncomfortable in their home, the advice is to leave.

Te Hapua Halswell Centre and the Nga Hau e Wha Marae are open for evacuated residents.

Resources from out of the region are being mobilised.

For updates check [www.ccc.govt.nz/newsline](http://www.ccc.govt.nz/newsline)

From: Tatterson, Christine  
Sent: Thursday, 16 February 2017 12:56 a.m.  
To: Woods, Darrin; Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel, Lianne;

Subject: Port Hills CComplex Flre IAP Thursday 16 February 2017  
Attachments: Port Hills Fire IAP 16 Feb 0730-1930.docx; Port Hills Complex 16 Feb IAP Sector Map.pdf

Hi all,

Please find attached a copy of today's day shift IAP and sectorised map.

Thank you

Chris Tatterson for  
Darrin Woods  
Planning Intelligence

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 2:02 a.m.  
Subject: Update on Port Hills Fire - 2am

Thursday 16 February 2017 2am

Update on Port Hills Fire

Six people from Pentworth Place in West Moorland have been evacuated and are sleeping over at Te Hapua, which has been opened for evacuated residents, along with Nga Hau e Wha Marae.

While we have had a number of inquiries, most people that have been evacuated have found their own accommodation.

In addition to rural fire staff, a group of 86 made up of 50 New Zealand Police and 36 New Zealand Defence Force personnel working overnight on the Port Hills Fire response. They are doing evacuations, joint patrols and reassuring people in the areas impacted by the fires.

Police are planning to knock on doors and phone residents in areas that must evacuate. However, if people are worried or feel uncomfortable in their home, the advice is to leave.

If listeners or readers are inquiring about where to go for information about the Port Hills Fire, please direct them to [www.ccc.govt.nz/newsline](http://www.ccc.govt.nz/newsline) and the Christchurch City Council's Facebook page [www.facebook.com/ChristchurchCityCouncil](http://www.facebook.com/ChristchurchCityCouncil) and Christchurch City Council's Twitter feed @christchurchcc

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 3:27 a.m.  
Subject: Port Hills Fire update 3:25am

Christchurch Civil Defence Update #9

Thursday 16 February 2017

Update on Port Hills Fire 3:25am

There are still some very active fire fronts up on the Port Hills, but not as many as there were prior to midnight. A large number of fire crews have been on the ground working hard to protect properties overnight, and the drop in fire activity can also be attributed to a decrease in temperature and a rise in humidity.

We are expecting helicopters up at first light, and we will have a clearer picture of the situation once day breaks.

Approximately 400 households have been evacuated in the areas around Victoria Park/Dyers Pass Road, Worsleys Road, Westmorland and Kennedys Bush.

Police are planning to knock on doors and phone residents in areas that must evacuate. However, if people are worried or feel uncomfortable in their home, the advice is to leave.

If listeners or readers are inquiring about where to go for information about the Port Hills Fire, please direct them to [www.ccc.govt.nz/newsline](http://www.ccc.govt.nz/newsline) and the Christchurch City Council's Facebook page [www.facebook.com/ChristchurchCityCouncil](https://www.facebook.com/ChristchurchCityCouncil) and Christchurch City Council's Twitter feed @christchurchcc

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 5:00 a.m.  
Subject: Civil Defence Update #9, 16 February 2017, 4.55am

Christchurch Civil Defence Update #9

Thursday 16 February 2017

Update on Port Hills Fire 4.55am

**FURTHER EVACUATIONS**

Police are now evacuating residents downhill of the Sign of the Takahe on Dyers Pass Road as far as and including Kiteroa Place and Pentre Terrace.

Residents will be contact directly by police who are in the area now knocking on doors. If you feel unsafe, you are advised to self-evacuate.

Police have continued to express concerns about traffic and people in the area and directed all non-residents to stay away, keeping it clear for emergency services.

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 6:22 a.m.  
Subject: Christchurch Civil Defence Update #10, Thursday 16 February, 6.15am

Christchurch Civil Defence Update #10

Thursday 16 February 2017

Update on Port Hills Fire 6.15am

Evacuations are continuing on the Port Hills as the fires continue to burn. A total of 450 properties have been officially evacuated, with police door-knocking downhill of the Sign of the Takehe as far as Kiteroa Place since early this morning. Others have self-evacuated as the fire spread overnight.

The fire now spans around 1800 hectares across the hills, with latest reports that it has now spread to the harbour side of Sugarloaf.

Seven houses are believed to have been damaged by the fire since yesterday, on Early Valley Road and Worsley Road.

In addition to the Christchurch fire ban, a total fire ban is now in place from South Canterbury through to the north end of the Hurunui District.

Christchurch Civil Defence Controller David Adamson says there has been a phenomenal amount of ground staff working through the night, with additional crews set to continue the effort from day break.

"The fire now spans a large front and all agencies are coordinating very well to fight the blaze and support the community. However, the situation remains very serious. Police and the Defence Force have had a huge job overnight with evacuations, the setting-up of cordons around key areas and security patrols of areas that have been evacuated."

The police are stressing that it is imperative that members of the public keep away from the hills. People "rubber-necking" are disrupting the emergency response and making it harder for police and fire services to do their jobs.

The public are encouraged to follow official updates on the Christchurch City Council's Newsline website and social media, as well as other emergency services updates.

From: Keenan, Di  
Sent: Thursday, 16 February 2017 6:49 a.m.  
To: [REDACTED]  
Cc: Dalziel, Lianne  
Subject: Re: Offer of help

Thanks so much Amy . Will do a regroup around 9am and may pick you up on that offer

Sent from my iPhone

On 16/02/2017, at 6:24 AM, [REDACTED] > wrote:

A number of our clients have asked how to help. Please let us know if you want people fed or heavy kit etc.

A

Sent from my Samsung device

From: David Ayers [REDACTED]  
Sent: Thursday, 16 February 2017 6:26 a.m.  
To: Sam Broughton  
Cc: Dalziel, Lianne  
Subject: Re: Fire

Hi Sam again

Of course, our Rural Fire, CDEM and local VFB are already involved along with our Rural Fire officer. Local back-up for Waimakariri, should we have an event in their absence, has been offered by Hurunui.

Regards  
David

**David Ayers | Mayor**  
**Waimakariri District Council**  
[REDACTED]

*Sent from my tablet*

On 15/02/2017, at 7:45 PM, Sam Broughton [REDACTED] wrote:

Thanks David  
Thanks for the offer:  
Will let you know if there are things we particularly need.

Cheers  
Sam Broughton  
Mayor of Selwyn

On 15/02/2017, at 7:33 PM, David Ayers [REDACTED] wrote:

Hi Lianne and Sam

In this terrible situation for Christchurch and Selwyn, we are thinking of you and offer any additional assistance you need beyond what you are already receiving.

Regards  
David

David Ayers | Mayor  
Waimakariri District Council  
[REDACTED]

Sent from my mobile phone  
SELWYN DISTRICT COUNCIL 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch  
Phone: (03) 347-2800 or (03) 318-8338; Fax: (03) 347-2799  
[www.selwyn.govt.nz](http://www.selwyn.govt.nz) | [m.selwyn.govt.nz](http://m.selwyn.govt.nz) | [www.selwynlibraries.co.nz](http://www.selwynlibraries.co.nz) | [www.selwyn.getsready.net](http://www.selwyn.getsready.net)

From: [REDACTED]  
Sent: Thursday, 16 February 2017 6:24 a.m.  
To: Dalziel, Lianne; Keenan, Di  
Subject: Offer of help

A number of our clients have asked how to help. Please let us know if you want people fed or heavy kit etc.

A

Sent from my Samsung device

From: Winston Gray [REDACTED]  
Sent: Thursday, 16 February 2017 7:56 a.m.  
To: Dalziel, Lianne  
Subject: Event.

Hi Lianne , just to let you know we are thinking of you at this time and if you require any support do call.  
All the Best

Winston Gray

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 8:18 a.m.  
Subject: Christchurch Civil Defence Update #11, Thursday 16 February 2017, 8.15am

#### Christchurch Civil Defence Update #11

Thursday 16 February 2017

Update on Port Hills Fire 8.15am

Emergency response agencies are meeting this morning for a joint briefing on the status of the Port Hills fire.

The main message remains - the police are stressing that it is imperative that members of the public keep away from the hills. People "rubber-necking" are disrupting the emergency response and making it harder for police and fire services to do their jobs.

The public are encouraged to follow official updates on the Christchurch City Council's Newsline website and social media, as well as other emergency services updates.

#### Schools update

The Ministry of Education has confirmed that both Governors Bay School and Cashmere Primary School are closed. The Ministry will provide further updates as they become available.

#### Christchurch Adventure Park Update

Firefighters were able to keep the fire away from the Christchurch Adventure Park village overnight and the chair is still running to reduce any hot spots. Fire crews remain stationed near the village. While the fire remains alight there is still a risk to the village and the situation is being monitored.

#### Metro bus update

Due to the fire and evacuations all Metro bus Blue Line trips will end at Princess Margaret Hospital until further notice. No trips will run to the Cashmere Hill.

Due to the fire on the Port Hills all trips travelling to Westmorland will end their trips on Cashmere Road near Penruddock Rise. Bus trips will depart travelling towards Eastgate from stop 33348 on Cashmere Road instead. This is until further notice.

Please check the metro web site on [www.metroinfo.co.nz](http://www.metroinfo.co.nz)

From: Hall, Rob  
Sent: Thursday, 16 February 2017 8:57 a.m.  
To: Dalziel, Lianne; Edwards, Karleen; Turner, Andrew; Keenan, Di; 'Raf Manji'; Bill Dwyer; Darren Wright; Dr Jane Gregg; Fiona Mules; Matt Russell; Peter Houghton; Johanson, Yani; Ritchie, Jocelyn  
Cc: Healy, Amanda; Stewart, James; Clarke, Steve; Lieschke, Joel; Richardson, Liz; Anstiss, Brendan; Silk, Paul; Munro, Paul  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 6 - Thursday morning 0900

Importance: High

Dear all,

As I understand the situation, things seem to be holding in the valley with the village/chair. Three appliances were stationed overnight next to the bottom of the chairlift. They have been holding the fire at bay, approx 50m away.

The chair is still operating (rotating to reduce any hot spots) which infers that the top station, cable and towers are relatively unscathed.

The village is 200m back from the base station and not currently under threat as long as the front line holds. The three buildings in the village all have sprinkler systems and the water tanks have capacity to service these sprinklers if needed.

The trees under the Summit Road (to the east of the park) are alight. There is the risk this front could continue north and make its way down to the village.

Last evening, the easterly wind was skipping over the valley with the chairlift, but hitting the eastern valley, stoking the fires there. This valley was where a large number of additional trails for Stage 2 of the CAP were planned. A wind shift (from the west) would put the Park at further risk.

The fire is likely to have been through the main forest to the east of upper Worsley's spur. This is where the majority the current trails are located. At this stage the fire is thought to have mainly worked through the undergrowth and not burnt down the trees outright. If this is correct we still may be able to reinstate the trails in this section of the Park (after removing any burnt trees that present a H&S risk).

Whilst it is still very early days, if we have an operable chairlift, village and trails we still may have a viable Park. The last 48 hours have definitely galvanised the biking community around the Park and we have strong support to reopen. It is early days, but from what we know based on the current situation, it is likely though that we would be out of operation for at least two months while the clean-up is undertaken and the chairlift is re-certified.

[REDACTED]

Given that houses are at risk, it appears as though they have been the focus of the helicopters with monsoon buckets. We are lucky to have the three dedicated appliances at the base station but without monsoon buckets the fire is left to its own devices elsewhere in the Park.

Warm regards

Rob

### **Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd

PO Box 333

Level 1, Building 2

181 High Street, Christchurch

NEW ZEALAND



DCL Core values:- Confidence, Connectedness, Effectiveness and Empowering Our People

From: Scandrett, Tim  
Sent: Thursday, 16 February 2017 8:17 a.m.  
To: Councillors Only: Dalziel, Lianne  
Subject: Re: On my way out to Selwyn District

Hi Lianne

Thanks for the update, we're packed and ready to leave if we have to and also keeping an eye on elderly neighbors who may need a hand.

But do need to come in for second day of Halswell RMA hearing. (just what I need).

See you all at 12.00noon

Cheers

Tim

Tim Scandrett  
City Councillor  
Cashmere  
Mobile : 027 693 5155  
Email: [tims@scandrett.co.nz](mailto:tims@scandrett.co.nz)  
Christchurch City Council  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

On Thu, Feb 16, 2017 at 8:12 AM +1300, "Dalziel, Lianne" [REDACTED] wrote:

[REDACTED] Am meeting the Mayor of Selwyn and Minister Brownlee at 8.30am. We will get a debrief there from the Regional Incident Management Team. We are then coming back to the ROC for a briefing with the Minister. I will update as best I can. Councillors briefing in Mayors Lounge at 12noon.

[REDACTED] Sent from my iPhone

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 10:23 a.m.  
To: Barwood, Lisa; Barwood, Lisa  
Subject: Civil Defence Media Advisory

Mayor Lianne Dalziel will be available for interviews at the end of the Prime Minister's media stand-up (12.30pm) at the Central Command Unit, Old Tai Tapu Road (between Early Valley Road and Osterholts Road).

Media Contact: Joss Ritchie [REDACTED]

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 10:33 a.m.  
Subject: Update on Ports Hills Fire 10.30am

Christchurch Civil Defence Update #12

Thursday 16 February 2017

Update on Port Hills Fire 10.30am

Port Hills fire - Multi agency update

Emergency services have been out since first light fighting the huge Port Hills fire concentrating their efforts on three fronts at Worsleys Road, Early Valley Road and Governors Bay.

The fire, which started in Marleys Hills on Monday night has now spread over 1800 hectares on the Port Hills. Reports on the number of houses destroyed or damaged have varied overnight. Please understand that this is an unfolding situation, but the Fire Service has confirmed that definitely five houses have been lost – three in Worsleys Road and two in Hoon Hay Valley Road. Emergency services are preparing to continue their operations for at least over the weekend and say the immediate emphasis is on directing the huge fire away from people and property.

The New Zealand Fire Service says that today's firefighting effort included 15 helicopters and fixed wing aircraft, the maximum number that can safely be in the air at any one time, and ground firefighting crews from the New Zealand Fire Service, Department of Conservation, territorial authorities and volunteers.

Helicopters have been brought in from throughout the South Island and out of town fire service staff from both Nelson and Timaru and are boosting local resources. Twenty-one urban appliances are on the Summit Road, eight on Worsleys Road and 10 on Early Valley Road.

There are concerns about the short-term weather forecast with today's north-east wind today expected to further drive the fronts. It is hoped a south-west change predicted for tomorrow will lower temperatures and humidity, slowing the fire's progress.

There is a total fire ban in place in North and Canterbury. Fire Region Manager Steve Turek says it is important that there is no type of fire lit so fire resources can remain concentrated on the major fire.

Christchurch Police have dedicated 50 staff working around the clock on the operation. Police assisted by New Zealand Defence Force staff have managed the evacuation of residents in at-risk areas. 400 homes have been evacuated by police with hundreds of other residents choosing to self-evacuate.

No evacuations are underway at this time, but police warn the situation is extremely volatile and should the fire change direction, people may have to leave at short notice.

Superintendent John Price of Christchurch Police says patrols are also working around the clock in both areas at risk and those evacuation. "We are providing reassurance to residents about evacuation, but also to others that we are keeping a watchful eye on their property," he said.

Police are also checking on the safety of contractors working on the fire, logging everyone who goes into and out of the cordon.

The main message remains - the police are stressing that it is imperative that members of the public keep away from the hills. People "rubber-necking" are disrupting the emergency response and making it harder for police and fire services to do their jobs.

The New Zealand Defence Force had 36 staff working alongside emergency services last night and another 25 have joined the operation this morning.

Welfare and health agencies are on standby ready to step in at a moment's notice. Christchurch District Health Board reported no overnight admissions due to respiratory issues. St John had dealt with a number of minor issues.

Welfare Centre - Te Hapua Halswell Centre and Nga Hau e Wha National Marae

Around 11 evacuees are currently at the Te Hapua Halswell Centre. Catering is being provided with donations from the local supermarket assisting.

While the Welfare Centre has been set up in the community room at Te Hapua Halswell Centre, the facility's library and pool are operating as usual.

A welfare centre also remains open at Nga Hau e Wha National Marae on Pages Road. Welfare agencies will provide updates on how to access a range of services today.

The public are encouraged to follow official updates on the Christchurch City Council's Newsline website and social media, as well as other emergency services updates.

From: Edwards, Karleen  
Sent: Thursday, 16 February 2017 10:20 a.m.  
To: Councillors Only  
Cc: Dalziel, Lianne; Smith, Ariana; Shirlaw, Nicola; Keenan, Di; Richardson, Mary  
Subject: Queries, and briefings, re Port Hills Fire

Good morning Councillors

If you have any queries about the Port Hills fire that are not covered by the information that is being disseminated widely through media channels, please call Adair Bruerton [REDACTED], rather than the Communications Team, and she will follow up for you. Our Communications Team is really busy supporting the Civil Defence operation.

Please note that you can direct citizens to the following for updates:

- The Council's [Newsline](#), which is posting updates and instructions regularly
- Local radio stations, which are all covering the emergency with regular updates
- If residents in affected areas need medical assistance and/or assistance with evacuation, they should call 111 immediately.

Confirming that the briefing on the fires is still on at noon today in the Mayor's Lounge (not later, as per Nicola's earlier email); any new information from this briefing will be sent to Community Boards afterwards.

We are still trying to arrange a briefing with the Rural Fire Service, so please keep diaries flexible.

Regards

Karleen

From: Edwards, Karleen  
Sent: Thursday, 16 February 2017 10:34 a.m.  
To: All Staff  
Subject: Port Hills Fire updates and staff resources

Kia ora koutou katoa

We have a number of staff assisting in our Council EOC as part of the regional State of Emergency Port Hills Fire response effort, particularly public information and logistics, and we may need to continue to provide staff resources for these functions over the next few days to ensure we can relieve staff regularly to minimise fatigue.

I understand that this is likely to put pressure on existing staff workloads and commitments; however, the EOC response must take priority.

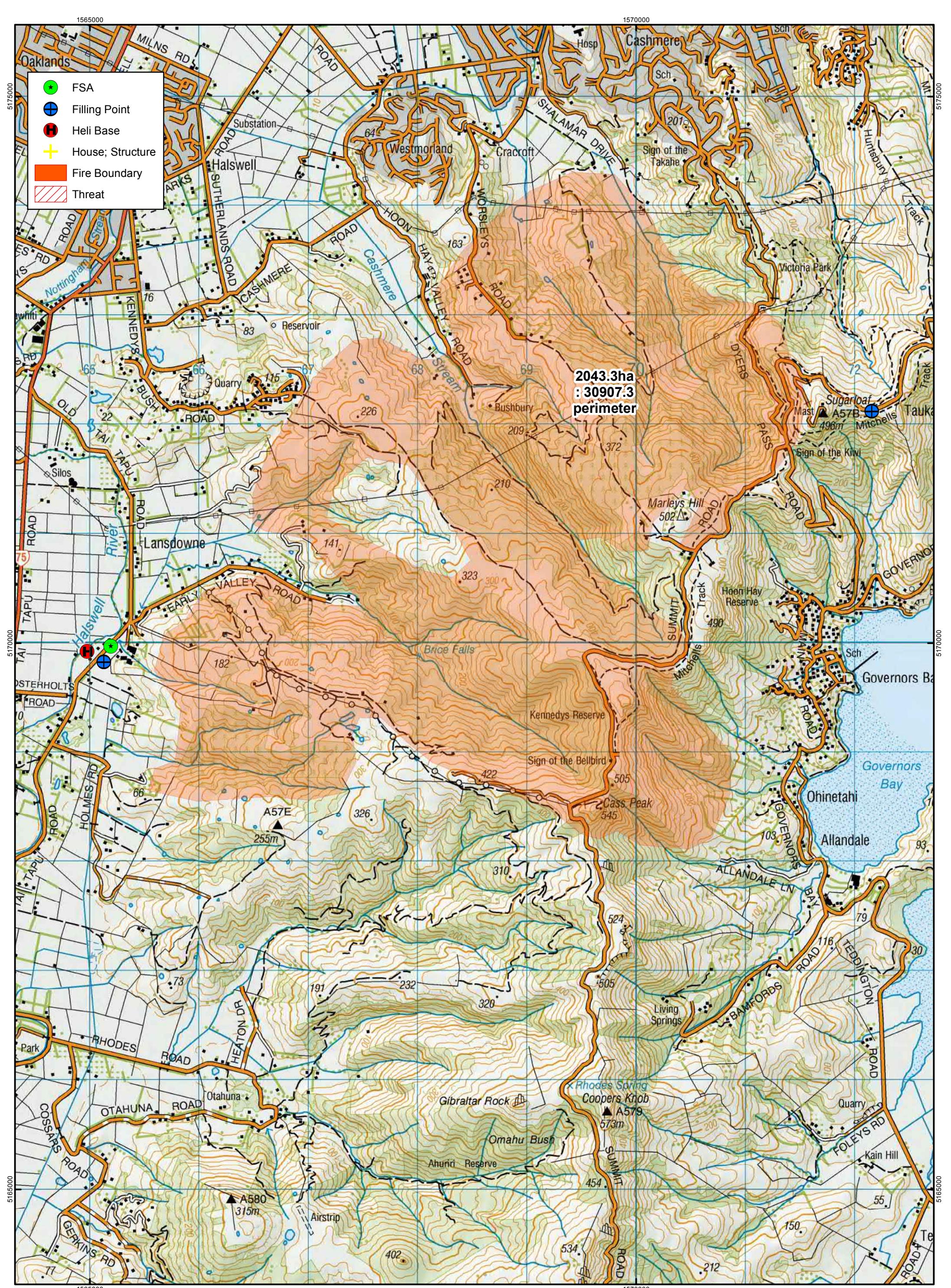
Thank you again to everyone involved in our EOC effort, particularly those who worked through the night to distribute essential information to families and media, as well as our Contact Centre staff who continue to field calls from concerned residents.

Remember to check [Newsline](#) for the latest updates and, as I mentioned yesterday, if you are concerned about the wellbeing of your family and live in proximity to the fire, please talk to your manager about your concerns and leave arrangements if required.

I appreciate your support at this challenging time.

Ngā mihi

Karleen



Port Hills Complex Fire  
16 Februaruy 2017 @ 1130

0.55  
Kilometers



From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 11:57 a.m.  
Subject: Christchurch Civil Defence Update #13, Thursday 16 February 2017, 11.45am

### Christchurch Civil Defence Update #13

Thursday 16 February 2017

Update on Port Hills Fire 11.45am

More than 130 firefighters are currently on the ground fighting the Port Hills fire.

The main activity is in the northern area of the Port Hills, including Hoon Hay Valley Road, Dyers Pass Road and Worsley Road.

The Fire Service has 40 crews with 45 pumps and tankers, and more than 130 firefighters on the ground. There are 26 rural fire crews with more than 200 personnel. Fourteen helicopters are in the air, along with three fixed wing aircraft

The situation is changing regarding property damage, but the latest report is that 11 houses and two sheds have been lost. Four of the houses are in Worsleys Road, four in Hoon Hay Valley Road, one house and one shed on Burkes Bush Road, and two houses and one shed on Early Valley Road.

### Evacuations

Civil Defence is receiving inquiries from residents who have been evacuated about when they will be able to return to their homes. It is too soon to be able to answer this with any certainty. People are encouraged to monitor Civil Defence and Council web and social media channels for the latest updates. As soon as any information is available about when people can return we will ensure that it is widely publicised.

### Health update

Canterbury DHB is reminding people to phone their GP team first if they experience any respiratory issues or concerns.

Dr Alistair Humphrey, Canterbury Medical Officer of Health, says for the vast majority of people, the smoke will be unpleasant, but carries no risk to their health.

People who have difficulty breathing, have a prolonged cough or tightness in their chest should make their own GP team their first call 24/7 for #carearoundtheclock.

Dr Humphrey is also encouraging people remember to look out for their neighbours, especially the elderly, or those with disabilities and make sure they're ok.

"Canterbury has been hit hard with its fair share of disasters in the last half decade, so many people will understandably be feeling overwhelmed and in shock. We all need to remember to look out for one another and take care of each other."

### Welfare update

A huge thank you to all the residents, community groups and businesses of Christchurch and elsewhere who have offered their help, donations of food, water and accommodation to the emergency response. The fires have had a big impact on the people of Christchurch who have responded with kindness and care. It means a lot to those affected.

|   |  |                           |
|---|--|---------------------------|
| 1. Incident Name<br>Port Hills Complex  | 2. Operational Period                                | SITUATION REPORT<br>RF201 |
|   | Date: 16 February 2017<br>Time: 1230hrs              |                           |
| 3. Location<br>Marleys Hill and Early Valley  | 4. Vegetation<br>Forest/Scrub/Grass/Slash/<br>Other: | 5. NZ Topo50 Grid Ref.    |
| <b>6. Assessment</b><br>The Port Hill fires have now merged into one, with significant development during the afternoon and evening yesterday. Estimated area of the fire is now in excess of 2000ha and is now not actively growing in any significant way. Fire has crossed Dyers Pass Road below Sign of the Kiwi into Victoria Park. It has also spread to within close proximity of the dense residential housing of Westmoreland.<br>Indications are that there have been a significant number of properties affected.<br>13 structures, including 11 houses and 2 large sheds have been destroyed.<br>Weather at Worsley Spur at 12:00 17.7 degree, 63% RH and average wind 18km/hr.   |  |                           |
| <b>7. Action taken</b><br>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.<br>Works during the morning has focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews currently working.<br>A number of evacuations were undertaken as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads. Many other households have self-evacuated. Actual number of people affected is unknown.<br>Road closures have been extended.<br>Welfare Centres are open at Halswell Library and Lincoln Event Centre and are being managed by Civil Defence.<br>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February.<br>Power authorities are working to maintain service. |  |                           |
| <b>8. Factors</b><br>Key factors are <ul style="list-style-type: none"> <li>- Smoke reducing visibility</li> <li>- Steep and dissected hill country posing difficulty with access</li> <li>- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>- Continued significant resource commitment in terms of personnel and equipment</li> <li>- Limited water supplies close to the fire ground are being exhausted.</li> <li>- Damage to power infrastructure</li> <li>- Heavy traffic volumes with bystanders</li> </ul>  |  |                           |
| <b>9. Predicted Incident Development</b><br>Weather conditions are expected to result in more predictable fire conditions with a building NE wind and a relatively high RH. Potential for fires to continue to spread towards residential properties in Dyers Pass area still exist. Areas of concern are therefore land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.<br>Incident Management Team is being escalated to support this complex, with support from multiple agencies.  |  |                           |
| 10. Prepared by: Terry O'Neill  | Date/Time 16/02/2017 1230 hrs                        |                           |

From: Rachel Jacobsen [REDACTED]  
Sent: Thursday, 16 February 2017 1:58 p.m.  
To: Dalziel, Lianne; Sandeman, Duncan; Chaney, Jack; Tony Martin; Brian Palliser; Dave Evans; Caine Tauwhare; Buck, Sally Ann; Manji, Raf; Johanson, Yani; [REDACTED]; Broughton, Helen  
Subject: Christchurch Fires

Dear All,

Please know that we, here in Seattle, are all thinking of you as you have yet another natural disaster in and around Christchurch.

We are hoping that things will be under control soon and that you are managing as best as you can. You have become very resilient! It was just a year ago that we were enjoying Christchurch and all that you did for us while we were there.

Please do know that our thoughts are with you.

Take care.

Rachel and the rest of the Seattle Christchurch Sister City Board.

--  
Rachel Jacobsen MNZM  
Honorary Consul



New Zealand Consul  
*Te Aka Aorere*



From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 2:23 p.m.  
Subject: Update - Port Hills fire road closures

Christchurch Civil Defence Port Hills Fire Update #14

Thursday 16 February 2017 2.15am

Road closures

The following roads are currently closed because of the Port Hills fire.

Please stay well away from these roads, so that emergency services can do their job and keep people safe.

- Cashmere Rd is closed at Hendersons Rd
- Cashmere Rd is closed at Kaiwara St
- Worsleys Rd is closed at Cashmere Rd
- Hoon Hay Valley Rd is closed at Cashmere Rd
- Kennedys Bush Road is closed at Cashmere Rd
- Sutherland Road is closed at Cashmere Rd
- Penruddock Rse is closed at Cashmere Rd
- Worsleys Track from Worlseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road
- Early Valley Road is closed at Old Tai Tapu Rd
- Holmes Road is closed at Old Tai Tapu Rd.

From: Templeton, Sara  
Sent: Thursday, 16 February 2017 2:29 p.m.  
To: Councillors and Mayor; Clearwater, Phil  
Cc: Richardson, Mary; Ch'ng, Mabel  
Subject: Re: Councillors' thanks to staff - IMPORTANT

Hi Again,

I've just had a chat to Mary. She has suggested that we do this for the CCC staff who are out on the ground (and in the air) fighting the fire. The park rangers, rural firefighters etc. It turns out that the EOC staff in here are quite well fed :) So - we'll shout morning tea for these people once the fires are out. Hope the change is okay! Please get your \$ to Mabel and sign the card that's on her desk.

Cheers,

Sara.

Cr Sara Templeton  
Heathcote Ward  
0210367672

On Thu, Feb 16, 2017 at 1:56 PM +1300, "Clearwater, Phil" <[Phil.Clearwater@ccc.govt.nz](mailto:Phil.Clearwater@ccc.govt.nz)> wrote:

That's a great idea Sara. The combined Port Hills Fire Briefing today from all the organisations fighting the fire , including CCC was so well done - a clear message that they have all been involved since Monday - and are well connected.  
Thanks Lianne for arranging - I felt very proud of our Council and the fire fighting forces today! Phil

Phil Clearwater  
City Councillor  
Spreydon Ward  
Chair, Social & Community Development Committee  
Mobile: 022 394 1073  
Email: [phil.clearwater@ccc.govt.nz](mailto:phil.clearwater@ccc.govt.nz)  
Christchurch City Council  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

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From: Templeton, Sara <[sara.templeton@ccc.govt.nz](mailto:sara.templeton@ccc.govt.nz)>  
Sent: Thursday, February 16, 2017 1:37 PM  
Subject: Councillors' thanks to staff - IMPORTANT  
To: Councillors and Mayor [REDACTED]  
Cc: Ch'ng, Mabel [REDACTED]

Hi All,

A few of us were chatting and thought it'd be a good idea to shout morning tea for the EOC staff (and those supporting etc) tomorrow - with extra food for later in the day/other shifts etc. \$15 each is enough to do nice food and juice etc. Mabel is helping out so could you please give her cash or pop \$ into her bank account asap if you'd like to contribute. Will also do a card to go with it. This is in addition to the letter that Mary is organising.

Account details

Mabel Chng [REDACTED]

Cheers,

Sara.

Cr Sara Templeton  
Heathcote Ward  
0210367672

From: Hall, Rob  
Sent: Thursday, 16 February 2017 2:50 p.m.  
To: Dalziel, Lianne  
Subject: RE: Port Hills Fire and the Christchurch Adventure Park Update 6 - Thursday morning 0900

Will do – thank you. Seems to have settled down based on the view out my window.

Warm regards

Rob

**Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd

PO Box 333

Level 1, Building 2

181 High Street, Christchurch

NEW ZEALAND



DCL Core values:- Confidence, Connectedness, Effectiveness and Empowering Our People

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From: Dalziel, Lianne  
Sent: Thursday, 16 February 2017 2:29 p.m.  
To: Hall, Rob  
Subject: Re: Port Hills Fire and the Christchurch Adventure Park Update 6 - Thursday morning 0900

Please pass on my thoughts to Fiona and the team.

Sent from my iPhone

On 16/02/2017, at 8:57 AM, Hall, Rob [REDACTED] wrote:

Dear all,

As I understand the situation, things seem to be holding in the valley with the village/chair. Three appliances were stationed overnight next to the bottom of the chairlift. They have been holding the fire at bay, approx 50m away.

The chair is still operating (rotating to reduce any hot spots) which infers that the top station, cable and towers are relatively unscathed.

The village is 200m back from the base station and not currently under threat as long as the front line holds. The three buildings in the village all have sprinkler systems and the water tanks have capacity to service these sprinklers if needed.

The trees under the Summit Road (to the east of the park) are alight. There is the risk this front could continue north and make its way down to the village.

Last evening, the easterly wind was skipping over the valley with the chairlift, but hitting the eastern valley, stoking the fires there. This valley was where a large number of additional trails for Stage 2 of the CAP were planned. A wind shift (from the west) would put the Park at further risk.

The fire is likely to have been through the main forest to the east of upper Worsley's spur. This is where the majority the current trails are located. At this stage the fire is thought to have mainly worked through the undergrowth and not burnt down the trees outright. If this is correct we still may be able to reinstate the trails in this section of the Park (after removing any burnt trees that present a H&S risk).

Whilst it is still very early days, if we have an operable chairlift, village and trails we still may have a viable Park. The last 48 hours have definitely galvanised the biking community around the Park and we have strong support to reopen. It is early days, but from what we know based on the current situation, it is likely though that we would be out of operation for at least two months while the clean-up is undertaken and the chairlift is re-certified.

[REDACTED]

Given that houses are at risk, it appears as though they have been the focus of the helicopters with monsoon buckets. We are lucky to have the three dedicated appliances at the base station but without monsoon buckets the fire is left to its own devices elsewhere in the Park.

Warm regards

Rob

**Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd

PO Box 333

Level 1, Building 2

181 High Street, Christchurch

NEW ZEALAND



<image001.png>

DCL Core values:- Confidence, Connectedness, Effectiveness and Empowering Our People

From: Cotter, Pauline  
Sent: Thursday, 16 February 2017 2:20 p.m.  
To: Clearwater, Phil  
Cc: Councillors and Mayor; Templeton, Sara; Ch'ng, Mabel  
Subject: Re: Councillors' thanks to staff - IMPORTANT

Very nice idea I'm fully supportive . We are proud of the incredibly well managed response. Excellent briefing today also.  
Pauline

Sent from my iPhone

On 16/02/2017, at 1:56 PM, Clearwater, Phil <[Phil.Clearwater@ccc.govt.nz](mailto:Phil.Clearwater@ccc.govt.nz)> wrote:

That's a great idea Sara. The combined Port Hills Fire Briefing today from all the organisations fighting the fire , including CCC was so well done - a clear message that they have all been involved since Monday - and are well connected.  
Thanks Liannne for arranging - I felt very proud of our Council and the fire fighting forces today! Phil

Phil Clearwater  
City Councillor  
Spreydon Ward  
Chair, Social & Community Development Committee  
Mobile: 022 394 1073  
Email: [phil.clearwater@ccc.govt.nz](mailto:phil.clearwater@ccc.govt.nz)  
Christchurch City Council  
PO Box 73016, Christchurch, 8154

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From: Templeton, Sara <[sara.templeton@ccc.govt.nz](mailto:sara.templeton@ccc.govt.nz)>  
Sent: Thursday, February 16, 2017 1:37 PM  
Subject: Councillors' thanks to staff - IMPORTANT  
To: Councillors and Mayor [REDACTED]  
Cc: Ch'ng, Mabel [REDACTED]

Hi All,

A few of us were chatting and thought it'd be a good idea to shout morning tea for the EOC staff (and those supporting etc) tomorrow - with extra food for later in the day/other shifts etc. \$15 each is enough to do nice food and juice etc. Mabel is helping out so could you please give her cash or pop \$ into her bank account asap if you'd like to contribute. Will also do a card to go with it. This is in addition to the letter that Mary is organising.

Account details

[REDACTED]

Cheers,

Sara.

Cr Sara Templeton  
Heathcote Ward  
0210367672

From: Richardson, Pam (Private)  
Sent: Thursday, 16 February 2017 2:55 p.m.  
To: Palmer, Alicia; Keenan, Di; Turner, Andrew; Wilson, Christine; Dalziel, Lianne  
Subject: Fwd:

Good afternoon I am not sure of the reporting lines but I have been sending updates to Federated Farmers and the Rural Support Trust North Canterbury and thought that this might interest Emergency Management - to provide that fuller picture I also appreciate the CCC updates that we are receiving .

Kind regards Pam

>  
>  
>  
> From Banks Peninsula - a snapshot of the rural environment  
>  
> Wednesday 15th February  
> Ongoing - keeping in touch with a number of landowners mostly the  
> larger landowners Some homes have been evacuated vehicles bikes and valuables removed from properties to safe areas. We have had people contacting families to 'keep an ear out' for any issues and report back to me . All very appreciative to hear that someone is thinking about them. Part of keeping in touch has been ringing a landowner and getting them to get in touch with surrounding families . I am quite surprised by the number that say I must ring someone . I leave my phone number for any concerns and don't hesitate to get back to get back to me . A valuable 'roving reporter' has been a local trucking company / operator who lives in the Teddington area knows the landowners and has offered assistance as and where appropriate . Other contractors in the area have been keeping in touch .  
> We have one young couple who are members of our BP discussion group  
> and lease considerable areas across the Port Hills - stock is all now to low areas and decisions will be made in the morning re the next step . A team including dogs are ready to move when any calls for assistance .  
> Accessing areas has been difficult and in many areas now will need to wait for "the all clear word " before entering . Traffic congestion has caused real issues .  
> This afternoon I contacted the Federated Farmers field officer and we  
> are looking to see if there are other Feds member we should be  
> contacting . I will keep in touch and may need to look at what next.  
> Small numbers of stock may have perished but at this stage I have no  
> reports available . Farmers have moved most of their stock to safer  
> areas some are now moving quickly-,  
  
> selling lambs and taking up grazing elsewhere.  
> People I talk to I remind them to have their fire plan outlined what are they going to do know the road name and property rapid number and report smoke / fire asap ring 111 and keep roads and access ways clear for emergency vehicles etc.  
> Of note we now have a declared Civil Defence Emergency between the CCC and the Selwyn District Council. Federated Farmers has a reporting role in an emergency and David Burt [REDACTED] is the National Animal Welfare Coordinator. I will forward any information that I receive to him . Federated Farmers [0800 327 646] is available to support members through this difficult time. Rural Support North Canterbury [0800 787 254] is also available .  
>  
> Thursday 16th Feb - update  
> The fires continue across the Port Hills . I am aware of a farming family who have lost one of their homes over the last days with the change of wind direction and that there has been ongoing serious flare ups across the area. There appears to be little fire activity in the Governors Bay area today but there is a different story on the city side.  
> We continue to work with the trucking company and pick up the phone and carry on calling property owners /residents /networks etc in the affected area and those communities outside including within the Christchurch City boundary. All so appreciative of the contact whether directly involved or not.  
> Farmers do tend to talk to each other and many are already working together - I know that neighbours have been working together e.g. to construct fire breaks in a valley and assisting to move stock etc.  
> As I said earlier we are working with a young couple who now have lost  
> most of the grazing to the fire on one property . They are managing well and have mapped out their next steps . Our local Banks Peninsula Farm Discussion Group is also supporting them. I will gather up a 'thinking of them package' today . We have two families at this stage and our trucking company will drop them off in the Governors Bay /Teddington area.  
> We continue to contact others in the affected area and adjoining areas of the city. It is about spreading the word that we are ready to assist if need be in this early stage . There maybe other steps that we need to take in a day or two and coming weeks .  
> Last night I had some info re alpacas - Feds field staff have been assisting and are following up this morning with a contact that we have found . I would think that the majority of stock is down in safer areas .  
> We do continue to follow up any leads and I have left contact details with many landowners to share with others - our local networks go far and wide . It is also about using others to spread the word and to keep us in the picture. Working alongside local trucking companies with amazing knowledge and people skills has really been beneficial - a great resource to have.  
> Anyone with concerns including about families etc give us a call .  
>  
> Pam Richardson [REDACTED] [no mobile phone Holmes Bay]  
> and Neil Smith [REDACTED] North Canterbury Rural Support Trust and  
> North Canterbury Federated Farmers  
>  
> \*\*\*\*\*  
> This electronic email and any files transmitted with it are intended  
> solely for the use of the individual or entity to whom they are addressed.  
>  
> The views expressed in this message are those of the individual sender  
> and may not necessarily reflect the views of the Christchurch City Council.  
>  
> If you are not the correct recipient of this email please advise the  
> sender and delete.  
>  
> Christchurch City Council  
> <http://www.ccc.govt.nz>  
> \*\*\*\*\*

From: Hall, Rob  
Sent: Thursday, 16 February 2017 4:14 p.m.  
To: Dalziel, Lianne; Edwards, Karleen; Turner, Andrew; Keenan, Di; 'Raf Manji'; Bill Dwyer; Darren Wright; Dr Jane Gregg; Fiona Mules; Matt Russell; Peter Houghton; Johanson, Yani; Ritchie, Jocelyn  
Cc: Healy, Amanda; Stewart, James; Clarke, Steve; Lieschke, Joel; Richardson, Liz; Anstiss, Brendan; Silk, Paul; Munro, Paul  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 7 - Thursday afternoon 1600  
Attachments: imagejpeg\_2.jpg

Importance: High

Dear all,

The CAP village, base station and associated lift infrastructure stands. There is likely to be some damage, but this is yet to be assessed. There will be damage to trails and vegetation within the CAP boundary.

We can visibly see the lift line from the DCL office, where we were unable to earlier this morning, yesterday and late Tuesday due to smoke.

There remains smouldering vegetation within the CAP boundary and although further risk of damage to the park has reduced today, risk to the park infrastructure remains due to potential wind condition changes causing flare-ups.

<http://www.stuff.co.nz/national/89465267/christchurch-adventure-park-village-and-base-station-survive-night>

Warm regards

Rob

**Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd

PO Box 333

Level 1, Building 2

181 High Street, Christchurch

NEW ZEALAND



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From: Charles Duke [REDACTED]  
Sent: Thursday, 16 February 2017 4:58 p.m.  
To: Dalziel, Lianne  
Subject: Christchurch

Good afternoon Lianne,  
While Kevin and I are greatly looking forward to catching up with you next week, we have some heavy hearts at the moment given what is happening in my home town.

We can only guess at what CHC is going through and especially what you and your team are going through.

You, and Chc are in our thoughts.

Kind regards,  
Charles Duke  
(TSB Bank)

---

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From: Planning <EOC.PLAN@selwyn.govt.nz>  
Sent: Thursday, 16 February 2017 6:13 p.m.  
To: Woods, Darrin; Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel, Lianne;

Subject: Fw: Message from "sdchqe02"  
Attachments: 20170216182139000.pdf

Please find attached the night action plan for 1930 16 feb to 0730 17 feb.

Regards

PLANNING TEAM  
SELWYN EMERGENCY OPERATIONS CENTRE  
PHONE 03 347 2763

SELWYN DISTRICT COUNCIL 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch  
Phone: (03) 347-2800 or (03) 318-8338; Fax: (03) 347-2799 [www.selwyn.govt.nz](http://www.selwyn.govt.nz) | [m.selwyn.govt.nz](http://m.selwyn.govt.nz) | [www.selwynlibraries.co.nz](http://www.selwynlibraries.co.nz) | [www.selwyn.getsready.net](http://www.selwyn.getsready.net)

From: Pringle, Ross  
Sent: Thursday, 16 February 2017 5:52 p.m.  
Subject: FW: Map of fire area and exclusion zone  
Attachments: Port Hills Fire and Restricted Area.jpg

Good evening,

Please share the below information and link to the map showing the fire zone and an area people are being asked to avoid unless absolutely necessary.  
Regards  
Ross

Public Information team  
Civil Defence EOC

Civil Defence is recommending no recreational activities, such as camping, cycling or picnics, take place within the yellow line on this map until further notice.

<http://ecan.maps.arcgis.com/apps/webappviewer/index.html?id=89c7aed3a05b4e68abde83fc8c2025>

The yellow line boundary, which was modelled on the current fire situation and weather forecasts, shows where further fire spread and smoke could pose a risk and cause health concerns.

It is important for non-residents to stay away from the marked area to allow access for emergency services who are working in this area.

Visit the CDHB Facebook page for information on smoke inhalation: <https://www.facebook.com/CanterburyHealthSystem/?fref=ts>

Residents that live within the zone who have not already been evacuated are not affected. If further evacuations are required, then a formal evacuation will take place. If you feel unsafe or worried you are advised to self-evacuate.

From: [REDACTED]  
Sent: Thursday, 16 February 2017 6:13 p.m.  
To: 'Rachel Jacobsen'; Dalziel, Lianne; Sandeman, Duncan; Chaney, Jack; 'Brian Palliser'; 'Dave Evans'; 'Caine Tauwhare'; Buck, Sally Ann; Manji, Raf; Johanson, Yani; [tnichllos@clear.net.nz](mailto:tnichllos@clear.net.nz); Broughton, Helen  
Subject: RE: Christchurch Fires

Hello Rachel,

Thank you for your kind words and thoughts. I am sure they will be appreciated by all the team knowing your thinking of us.

Certainly in recent times Christchurch has had a lot to put up with

I personally have repeater equipment on one of the hills at the summit (Marley Hill) which is the worst effected.

We have managed by a miracle to have kept the site safe while still maintaining operations for essential services. We have been very lucky indeed considering the flames came with in meters.

Regards,

[REDACTED]  
[REDACTED]

---

From: Rachel Jacobsen [REDACTED]  
Sent: Thursday, 16 February 2017 1:58 PM  
To: Lianne Dalziel; Sandeman, Duncan; Jack Chaney; Tony Martin; Brian Palliser; Dave Evans; Caine Tauwhare; sally.buck; raf.manji; yani.johanson; [helen.broughton@ccc.govt.nz](mailto:helen.broughton@ccc.govt.nz)  
Subject: Christchurch Fires

Dear All,

Please know that we, here in Seattle, are all thinking of you as you have yet another natural disaster in and around Christchurch.

We are hoping that things will be under control soon and that you are managing as best as you can. You have become very resilient! It was just a year ago that we were enjoying Christchurch and all that you did for us while we were there

Please do know that our thoughts are with you.

Take care.

Rachel and the rest of the Seattle Christchurch Sister City Board.

--  
Rachel Jacobsen MNZM  
Honorary Consul



New Zealand Consul  
*Te Aka Aorere*

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

From: Planning <EOC.PLAN@selwyn.govt.nz>  
Sent: Thursday, 16 February 2017 7:40 p.m.  
To: Woods, Darrin; Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel, Lianne;

Subject: Situation Report 1900 16 Feb 2017  
Attachments: Port Hills Complex 1900 Sitrep 16 02 17.docx

Hi Team

Please find attached Situation Report 1900 16 Feb 2017

Regards

PLANNING TEAM  
SELWYN EMERGENCY OPERATIONS CENTRE  
PHONE 03 347 2763

SELWYN DISTRICT COUNCIL 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch  
Phone: (03) 347-2800 or (03) 318-8338; Fax: (03) 347-2799 [www.selwyn.govt.nz](http://www.selwyn.govt.nz) | [m.selwyn.govt.nz](http://m.selwyn.govt.nz) | [www.selwynlibraries.co.nz](http://www.selwynlibraries.co.nz) | [www.selwyn.getsready.net](http://www.selwyn.getsready.net)

From: Scandrett, Tim  
Sent: Thursday, 16 February 2017 8:24 p.m.  
To: Hall, Rob; Dalziel, Lianne  
Subject: Re: Just going through photos  
Attachments: IMG\_5714.JPG; ATT00001.txt

Great photo, you missed your calling.

Tim Scandrett  
City Councillor  
Cashmere  
Mobile : 027 693 5155  
Email : [tim.scandrett@ccc.govt.nz](mailto:tim.scandrett@ccc.govt.nz)  
Christchurch City Council  
PO Box 73016, Christchurch, 8154

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On Thu, Feb 16, 2017 at 8:22 PM +1300, "Dalziel, Lianne" [REDACTED] wrote:

|

|   |   |                           |
|---|---|---------------------------|
| 1. Incident Name<br>Port Hills Complex  | 2. Operational Period                     | SITUATION REPORT<br>RF201 |
|   | Date: 16 February 2017<br>Time: 1900hrs   |                           |
| 3. Location<br>Marleys Hill and Early Valley  | 4. Vegetation<br>Forest/Scrub/Grass/Slash | 5. NZ Topo50 Grid Ref.    |
| <b>6. Assessment</b><br>The Port Hill fires (Early Valley & Summit Road) have now merged into one following the significant escalation of the fire during the afternoon and evening of the 15 February. The area of the fire is now 2075ha and this area has been contained during the day time operational period of the 16th. This containment was confirmed when the fire perimeter was re-flown at 1600. Locations requiring continued suppression efforts include the area above Dyers Pass Road below Sign of the Kiwi into Victoria Park, in and around Sugar Loaf, area around Marleys Hill and the southern flank of the fire which potentially could blow out into unburnt fuel. The fire runs on the 15 <sup>th</sup> took the fire into close proximity of the dense residential housing of Westmoreland. There have been a significant number of properties affected.<br>At this moment the confirmed number destroyed structures is 11 houses and 2 large sheds.<br>Metservice weather Port Hills 19:10; 17 degree, 85% RH and average wind E 39km/hr.  |   |                           |
| <b>7. Action taken</b><br>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.<br>Works during the day has focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews working.<br>A number of evacuations were undertaken yesterday as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads. Many other households have self-evacuated. Actual number of people affected is unknown. Operations are working through a process to assess homes so people can return to their homes.<br>Road closures have been extended with police and defence manning road blocks.<br>There is a Welfare Centre at the Halswell Library being managed by Civil Defence.<br>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17 <sup>th</sup> February.<br>Power authorities are working to maintain service. |   |                           |
| <b>8. Factors</b><br>Key factors are <ul style="list-style-type: none"> <li>• Smoke reducing visibility</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Continued significant resource commitment in terms of personnel and equipment</li> <li>• Limited water supplies close to the fire ground are being exhausted.</li> <li>• Damage to power infrastructure</li> <li>• Fire crews, helicopter personnel and management staff fatigue. Rotation with resources from outside the region need to be considered.</li> </ul>  |   |                           |

#### 9. Predicted Incident Development

Tomorrow (17 Feb) NE winds are expected to increase to 40-45 km/hr and gusting to 55km/hr. The RH is also expected to increase 100% as drizzle develops in the evening. These conditions are expected have fire behaviour similar to today with increased wind maybe flaring up hot spots and high RH making new fires less likely to develop. On Saturday the drizzle is expected to turn to light rain with continued NE winds, these will be good conditions for blacking out the fire perimeter. Areas of concern are the land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.

10. Prepared by: Terry O'Neill

Date/Time 16/02/2017 1900 hrs

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 7:24 p.m.  
Subject: Update on Port Hills Fire 7.30pm  
Attachments: Christchurch Civil Defence Update 15 V2.docx

## Christchurch Civil Defence Update #15

Thursday 16 February 2017

Update on Port Hills Fire 7.30pm

### Key points

- United States Coast Guard heavy icebreaker USCGC Polar Star offers to help
- Hercules heads to Australia to collect fire retardant
- 14 helicopters and 3 fixed wing aircraft were used today
- Special fire pods are being used to shoot high-pressure water into the ground to extinguish roots burning below the surface
- Almost 400 people have been on the ground fighting the blaze
- Efforts are focused on controlling the fire – it is not possible to assess the status of individual properties at this stage
- Cordon remain in place with police and Defence Force staff patrolling

Offers of assistance have been received from the United States and Australia to support the Port Hills fire response.

Christchurch Civil Defence controller Dave Adamson welcomed the offer of assistance.

Air Commodore Kevin McEvoy, the Acting Commander Joint Forces New Zealand, said an Air Force C-130 Hercules strategic airlift aircraft left for Australia this afternoon to pick up five pallets of firefighting foam and other fire-retardant materials.

A detachable fire pod is also being shipped from Wellington this evening, in addition to the four NZDF fire pods currently being used to fight the Christchurch fires. The pods can be transported on a variety of vehicles and use an ultra high-pressure hose with a pointed nozzle that can pierce the ground and douse burning roots.

An additional fire response team made up of four experienced firefighters has been sent to join the six Army firefighters currently working with Selwyn fire authorities.

Mr Adamson said emergency services recognise that many of the residents evacuated are concerned about the condition of their properties in the fire zone and are anxious to return home. At this stage the Emergency Operations Centre has received no information about the status of individual homes.

Much of the area behind cordons is very dangerous and the priority for all agencies is to get the fire under control.

Firefighters are working on the ground and from the air, doing everything possible to keep the fire away from houses.

"Police have advised that it is expected that a large number of homes will have suffered damage from smoke, heat and fire. The number of damaged homes in total will not be known until the fire emergency has ended."

"We are aware that this is an extremely anxious time for residents who have had to leave their homes and we are working with other agencies to arrange for this information to be passed on to homeowners in the affected areas as soon as the information becomes available."

Police have advised that all current cordons will remain in place tonight and into tomorrow. Police say that residents who chose to remain behind the cordons now have a special provision to exit the cordons and return. To re-enter they must register at the cordon point and provide photo identification. They must also carry documentation proving their occupancy such as a bill or rates invoice.

### Power supply

Around 128 customers remain without power in the Port Hills area. The power supply has been maintained to the rest of the city throughout the day, and Orion continues to closely monitor Christchurch's power supply and respond to any issues arising as a result of the fires continuing in the Port Hills.

Lines in the fire affected area in the Port Hills remain off grid, and power continues to be rerouted, including through Orion's new underground, Northern Loop cable.

Orion asks residents and businesses to conserve power where ever possible, to reduce the load on the network while it is in contingency mode.

It is possible that there will be further outages until the fires are fully extinguished. Orion urges residents in the Port Hills area to take particular care around electricity at this time.

For updates on power outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

### Welfare

The teams providing welfare support are truly grateful for offers of help for services, but there is no need at the moment – the teams are well-resourced.

People can call 0800 777 846 for support and general practice medical centres are open for those who feel unwell or unable to cope. It is normal to feel anxious or stressed during abnormal events, and talking about how you feel to someone you trust can help. Advice can be found online at:

<http://allright.org.nz/articles/practical-tips-coping-disaster/>

<https://www.facebook.com/allrightnz/?fref=ts>

People with financial needs can contact Work and Income (0800 559 009) or go into any site in Christchurch. Civil Defence payments are available, more information can be found here:

<https://www.workandincome.govt.nz/about-work-and-income/news/2017/2017/christchurch-fires.html>

### Firefighting efforts

More than 390 firefighters have been fighting the fire today, including 26 rural fire crews with more than 200 personnel between them. The fire service has 62 crews with 190 pumps and tankers, and more than 160 firefighters on the ground.

The fire service is asking people to stay away from the area so that the fire crews can do their work safely. The terrain is difficult and challenging, posing a risk to firefighters.

There are 14 helicopters flying and three fixed wing aircraft on the scene.

### Fire ban

National Rural Fire Authority has put a total fire ban in place from South Canterbury to Hurunui.

#### Road closures

- Cashmere Rd is closed between Hendersons Rd and Kaiwara St.
- Penruddock Rise is also closed at Cashmere Rd
- Worsleys Rd is closed at Cashmere Rd
- Hoon Hay Valley Rd is closed at Cashmere
- Kennedys Bush Road is closed at Cashmere Rd
- Sutherland Road is closed at Cashmere Rd
- Worsleys Track from Worseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road.
- Early Valley Road is closed at Old Tai Tapu Rd

From: Scandrett, Tim  
Sent: Thursday, 16 February 2017 8:33 p.m.  
To: Dalziel, Lianne  
Cc: Hall, Rob  
Subject: Re: View from above

Yes but a bloody close call, will be catching up with them next week.

And think we're also catching up shortly Rob.

Tim Scandrett  
City Councillor  
Cashmere  
Mobile : 027 693 5155  
Email : [tim.scandrett@ccc.govt.nz](mailto:tim.scandrett@ccc.govt.nz)  
Christchurch City Council  
PO Box 73016, Christchurch, 8154

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On Thu, Feb 16, 2017 at 8:31 PM +1300, "Dalziel, Lianne" [REDACTED] wrote:

I remember Fiona telling me about the stringent requirements re the trees proximity to the building. Looks like they've dodged one of the bullets

> Sent from my iPhone

>

> On 16/02/2017, at 8:23 PM, Scandrett, Tim wrote:

>

> Looks bloody amazing really when you look at what's around it.

>

> Cheers

> Tim

>

> Tim Scandrett

> City Councillor

> Cashmere

> Mobile : 027 693 5155

> Email : [tim.scandrett@ccc.govt.nz](mailto:tim.scandrett@ccc.govt.nz)

> Christchurch City Council

> PO Box 73016, Christchurch, 8154

>

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>

> On Thu, Feb 16, 2017 at 8:21 PM +1300, "Dalziel, Lianne" <[lianney.dalziel@ccc.govt.nz](mailto:lianney.dalziel@ccc.govt.nz)> wrote:

>

>

>

>

>

>

>

>

> Sent from my iPhone

</lianney.dalziel@ccc.govt.nz

From: Johanson, Yani (Private)  
Sent: Thursday, 16 February 2017 9:04 p.m.  
To: Dalziel, Lianne  
Subject: Re: Situation Report 1900 16 Feb 2017

Hi Lianne

Thanks for this. A bit concerned to read the stuff blog over the issue with cordons and incorrect info. Also it makes reference to proof of address, rates invoices/ etc and photo id. One thing that I learnt from the earthquake cordon is that some people don't have access to these documents (particularly proof of address). So maybe something like saying that people without this can go to any council service centre with photo id and get the necessary documentation. Also seems strange that there is no system to register for those who have evacuated with address/contact details to be updated.

Cheers for the briefings today that was really good. Especially the afternoon one.

Ta

Yani

On Thu, 16 Feb 2017 at 19:59, Dalziel, Lianne [REDACTED] wrote:

> Latest SitRep  
>  
> Hi Team  
>  
>  
>  
> Please find attached Situation Report 1900 16 Feb 2017  
>  
>  
>  
> Regards  
>  
>  
>  
> PLANNING TEAM  
> SELWYN EMERGENCY OPERATIONS CENTRE  
> PHONE [REDACTED]  
>  
> SELWYN DISTRICT COUNCIL 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch  
> Phone: (03) 347-2800 or (03) 318-8338; Fax: (03) 347-2799  
> [www.selwyn.govt.nz](http://www.selwyn.govt.nz) | [m.selwyn.govt.nz](mailto:m.selwyn.govt.nz) | [www.selwynlibraries.co.nz](http://www.selwynlibraries.co.nz) | [www.selwyn.getsready.net](http://www.selwyn.getsready.net)  
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Christchurch City Council  
<http://www.ccc.govt.nz>

\*\*\*\*\*

From: Hall, Rob  
Sent: Thursday, 16 February 2017 9:07 p.m.  
To: Scandrett, Tim; Dalziel, Lianne  
Subject: Re: View from above

Thanks for the pics. Appreciate it. Hope all starts to settle down soon.

Rob

Sent from my iPhone

On 16/02/2017, at 20:33, Scandrett, Tim <[Tim.Scandrett@ccc.govt.nz](mailto:Tim.Scandrett@ccc.govt.nz)> wrote:

Yes but a bloody close call, will be catching up with them next week.

And think we're also catching up shortly Rob.

Tim Scandrett  
City Councillor  
Cashmere  
Mobile : 027 693 5155  
Email : [tim.scandrett@ccc.govt.nz](mailto:tim.scandrett@ccc.govt.nz)  
Christchurch City Council  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

On Thu, Feb 16, 2017 at 8:31 PM +1300, "Dalziel, Lianne" <[REDACTED]> wrote:

I remember Fiona telling me about the stringent requirements re the trees proximity to the building. Looks like they've dodged one of the bullets

Sent from my iPhone

> On 16/02/2017, at 8:23 PM, Scandrett, Tim wrote:

>

> Looks bloody amazing really when you look at what's around it.

>

> Cheers

> Tim

>

> Tim Scandrett

> City Councillor

> Cashmere

> Mobile : 027 693 5155

> Email : [tim.scandrett@ccc.govt.nz](mailto:tim.scandrett@ccc.govt.nz)

> Christchurch City Council

> PO Box 73016, Christchurch, 8154

>

> Please consider the environment before printing this email

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>

>

> On Thu, Feb 16, 2017 at 8:21 PM +1300, "Dalziel, Lianne" <[lianney.dalziel@ccc.govt.nz](mailto:lianney.dalziel@ccc.govt.nz)> wrote:

>

>

>

>

>

>

> Sent from my iPhone

</lianney.dalziel@ccc.govt.nz





From: Planning <EOC.PLAN@selwyn.govt.nz>  
Sent: Thursday, 16 February 2017 9:18 p.m.  
To: Woods, Darrin; Palmer, Alicia; Richardson, Mary; Rutledge, Andrew; Hansen, Kelly; Edwards, Karleen; Dalziel, Lianne;

Subject: Action Plan 0730 to 1930 17 February 2017  
Attachments: IAP.pdf

Hi All

Please find attached Action Plan for tomorrow day shift 0730 to 1930 17 February 2017

Regards

PLANNING TEAM  
SELWYN EMERGENCY OPERATIONS CENTRE  
PHONE 03 347 2763

SELWYN DISTRICT COUNCIL 2 Norman Kirk Drive, Rolleston 7614; PO Box 90, Rolleston 7643, Christchurch  
Phone: (03) 347-2800 or (03) 318-8338; Fax: (03) 347-2799 [www.selwyn.govt.nz](http://www.selwyn.govt.nz) | [m.selwyn.govt.nz](http://m.selwyn.govt.nz) | [www.selwynlibraries.co.nz](http://www.selwynlibraries.co.nz) | [www.selwyn.getsready.net](http://www.selwyn.getsready.net)

From: [REDACTED]  
Sent: Thursday, 16 February 2017 9:47 p.m.  
To: Dalziel, Lianne  
Subject: Re Worsleys Rd

Hi Lianne

I'm not sure if you remember me but I created your campaign website and then your upgrade last year and I am a resident of Worsleys Rd

I just wanted to contact you because I seem to have come to a dead end with the "incident command centre" at PMH who thought they could help but it appears not after a strange phone call from Selwyn district council telling they couldn't tell me the status of my house

In a nutshell we are a small community in Worsleys Rd who all know each other. We have been told some unbelievable information in the last day/night that has been incredibly distressing.

An example of this is at 3am [REDACTED] was told by police that his house and his neighbors house at [REDACTED] Worsleys road had burnt down. They then got a phone call a few hours later that their house was actually ok but [REDACTED] was definitely burnt down. [REDACTED] were told at 8am that their house was burnt down. So as neighbours we were all sad to hear this. But imagine our surprise as the smoke lifted in the morning the [REDACTED] house was still there and completely sound. We texted them to say their house was ok but they couldn't believe it until 4pm they were sent a photo of their home from someone digging fire breaks on their property and knew their landscape gardener. They have had no official word.

In fact most of us have not had any contact from anyone in the police, the fire service or the ccc at all. We stood together and watched the [REDACTED] house burn to the ground this morning with great sadness.

So I went to the incident command centre at pmh this afternoon and asked why the Worsleys RD residents are being told nothing and why we don't have a liaison for us not just some number that all of Cashmere is ringing. Anyway after a bit of "this is unacceptable" and "haven't we learnt anything from the earthquakes" and "how hard is it to tell 25 residents if their houses are standing when you obv know". I thought I got some traction. They told me they agreed that is was poor and that they would call me once they had sorted out who that person is and then I can pass it on. This was the bewildered person from Selwyn who thought I was just inquiring about my home. So no joy. We just don't know where else to turn.

I realise that this is huge undertaking and believe me we are eternally grateful to every single person that is up our road saving our homes. But in the meantime we are completely in the dark as to what is happening. How come the PM can have a fly over see the status of every one of our houses but we can't know this? Why has no-one contacted us when our homes are obviously in the firing line. It's just so sad and adding so much more stress to an incredibly stressful situation.

I implore you to help us. We just want some information. We want to be able to ring someone and ask if our home is still there without having to drive up Bengal Drive or Sparks Rd and want for the smoke to dissipate. We want to make sure that we can stop rumours about our homes. Last night it was 40 homes lost when there aren't even 40 homes up there.

I am not doing this because I need to know about my house, before dark it was still there I could see it from Bengal Drive. My hope is it will be there tomorrow. I love that we have some amazing people helping on the ground. I just want our community to be acknowledged as a community not part of the greater Cashmere area of which no other houses have had flames licking at their doors.

[REDACTED]  
Sent from my iPhone

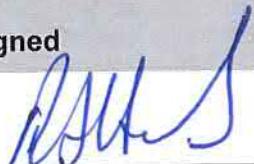
[Help](#)

|   |  |                        |
|---|--|------------------------|
| <b>1. Incident Name</b><br>Port Hills Complex | <b>2. Operational Period</b><br>Date 16-17/02/17<br>Time 1930-0730 | <b>IAP COVER SHEET</b> |
|---|--|------------------------|

## INCIDENT ACTION PLAN

The items checked below are included in the incident Action Plan

- [SITUATION REPORT](#)
- [INCIDENT OBJECTIVES](#)
- [ORGANISATION LIST](#)
- [COMMUNICATIONS PLAN](#)
- [SAFETY PLAN](#)
- [SECTOR ASSIGNMENT](#)
- [MEDICAL PLAN](#)
- FIRE MAP
- WEATHER FORECAST
- FIRE GROUND ROADING PLAN
- 
- 
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- 
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- 

|  |   |                          |
|--|---|--------------------------|
| <b>3. Approved by Incident Controller:</b> |   |                          |
| Name                                       | Signed  | Date/Time                |
| Rob Hands                                  |  | 16-17/02/17<br>1930-0730 |

| 1. Incident Name  |  | 2. Operational Period    |             | SITUATION REPORT       |  |  |
|---|--|--------------------------|-------------|------------------------|--|--|
| Port Hills Complex  |  | Date                     | 16-17/02/17 |                        |  |  |
|   |  | Time                     | 1930-0730   |                        |  |  |
| 3. Location   |  | 4. Vegetation            |             | 5. NZ Topo50 Grid Ref. |  |  |
| Marleys Hill and Early Valley   |  | Forest/Scrub/Grass/Slash |             |                        |  |  |
| 6. Assessment   |  |                          |             |                        |  |  |
| <p>The Port Hill fires have now merged into one, with significant development during the afternoon and evening yesterday. Area of the fire is now 2075ha and is now not actively growing in any significant way. Fire has crossed Dyers Pass Road below Sign of the Kiwi into Victoria Park. It has also spread to within close proximity of the dense residential housing of Westmoreland.</p> <p>Indications are that there have been a significant number of properties affected.</p> <p>At this moment the confirmed number destroyed structures is 11 houses and 2 large sheds.</p> <p>Weather at Sign of the Kiwi at 14:30; 18 degree, 60% RH and average wind 4km/hr.</p>  |  |                          |             |                        |  |  |
| 7. Action taken   |  |                          |             |                        |  |  |
| <p>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.</p> <p>Works during the morning has focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews currently working.</p> <p>A number of evacuations were undertaken yesterday as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads. Many other households have self-evacuated. Actual number of people affected is unknown. Operations are trying to establish criteria for when it is safe for people to return to their homes, both firebreak/burn out distance around dwelling and the state of unburnt fuel.</p> <p>Road closures have been extended with police and defence manning road blocks.</p> <p>Welfare Centres are open at Halswell Library and Lincoln Event Centre and are being managed by Civil Defence.</p> <p>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17<sup>th</sup> February. Power authorities are working to maintain service.</p> |  |                          |             |                        |  |  |
| 8. Factors  |  |                          |             |                        |  |  |
| <p>Key factors are</p> <ul style="list-style-type: none"> <li>• Smoke reducing visibility</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Continued significant resource commitment in terms of personnel and equipment</li> <li>• Limited water supplies close to the fire ground are being exhausted.</li> <li>• Damage to power infrastructure</li> </ul> <p>Fire crews, helicopter personnel and management staff fatigue. Rotation with resources from outside the region need to be considered.</p>  |  |                          |             |                        |  |  |
| 9. Predicted Incident Development   |  |                          |             |                        |  |  |
| <p>Weather forecasts predict NE winds will continue for next couple of days. Tomorrow (Friday) the NE winds are expected to increase to 40-45 km/hr and gusting to 55km/hr. The RH is also expected to increase 100% as drizzle develops in the evening. On Saturday the drizzle is expected to turn to light rain with continued NE winds. Areas of concern are therefore land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.</p>  |  |                          |             |                        |  |  |
| 10. Prepared by:  |  | Terry O'Neill            | Date/Time   |                        |  |  |
|   |  | 16/02/2017 1530 hrs      |             |                        |  |  |

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|  |  |                            |
|--|--|----------------------------|
| <b>1. Incident Name</b><br>Port Hills Complex  | <b>2. Operational Period</b><br>Date 16-17/02/17<br>Time 1930-0730 | <b>INCIDENT OBJECTIVES</b> |
| <b>3. Overall Incident Objectives</b>  |  |                            |
| <ol style="list-style-type: none"> <li>1) To protect life by ensuring the safety of all personnel and the public.</li> <li>2) Provide asset protection to all identified values under threat, where it is safe to do so.</li> <li>3) Where possible patrol and maintain control lines overnight</li> <li>4) Ensure all required preparations for next operational period are completed</li> <li>5) Undertake risk assessment to enable the public to return to buildings.</li> </ol>   |  |                            |
| <b>4. Strategies for specified Operational Period</b>  |  |                            |
| <ol style="list-style-type: none"> <li>1a) Clearly identify fireground and any other areas of risk</li> <li>1b) Ensure access to fireground is restricted to trained, competent and assigned personnel only</li> <li>1c) Ensure Safety Officer/s are appointed, briefed and actively managing safety risks</li> <li>1d) Provide clear briefings ad command and control and communications</li> </ol> <ol style="list-style-type: none"> <li>2a) Identify all assets that may be at threat within the operational period</li> <li>2b) Assess each asset for likelihood of successful protection</li> <li>2c) Assess resources available over operational period</li> <li>2d) Prioritise sites or secure more resources if insufficient for protection of all assets</li> <li>2e) Ensure security of evacuated areas is maintained</li> </ol> <ol style="list-style-type: none"> <li>3a) Where safe, have crew/s patrolling containment lines to either prevent fire breakout or warn of any breakouts</li> <li>3b) Ensure all crews have a minimum of 2 escape routes and are properly equipped for night operations</li> <li>3c) Maintain sufficient overnight IMT capacity to support field operations and manage any adverse developments</li> </ol> <ol style="list-style-type: none"> <li>4a) Ensure IMT has full brief of any required activities or preparations overnight for following operational period</li> </ol> <ol style="list-style-type: none"> <li>5a) Undertake thermal imaging assessments of buildings once environment cools</li> <li>5b) Using Council systems to identify and contact landowners/occupants to inform them as to whether they can return home.</li> <li>5c) Undertake public messaging to support this action</li> </ol> |  |                            |
| <b>5. Prepared by:</b><br>Allan Grigg  | <b>Date/Time</b> 16/02/17 / 1800hrs                                |                            |

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|--|---------------------------------------|--|------------|--------------------------|
| <b>1. Incident Name</b><br>Port Hill Complex |                                       | <b>2. Operational Period</b><br>Date 16-17/02/17<br>Time 1930-0730 |            | <b>ORGANISATION LIST</b> |
| <b>3. Incident Control</b>                   |                                       | Phone  | Cell Phone | Radio Ch                 |
| Incident Controller                          | Pete Scarlett                         |  |            |                          |
| Information Officer                          |                                       |  |            |                          |
| Safety Officer                               |                                       |  |            |                          |
| Liaison Officer                              |                                       |  |            |                          |
| RIMT IC                                      | Rob Hands                             |  |            |                          |
|  |                                       |  |            |                          |
| <b>4. Agency Representative</b>              |                                       | Phone  | Cell Phone | Radio Ch                 |
| Lead Agency                                  |                                       |  |            |                          |
| <b>5. Planning/Intell Section</b>            |                                       | Phone  | Cell Phone | Radio Ch                 |
| Planning/Intell Manager                      |                                       |  |            |                          |
| Management Support Unit                      |                                       |  |            |                          |
| Situation Unit                               |                                       |  |            |                          |
| Technical Specialists Unit                   |                                       |  |            |                          |
|  |                                       |  |            |                          |
| <b>6. Logistics Section</b>                  |                                       | Phone  | Cell Phone | Radio Ch                 |
| Logistics Manager                            | Don Geddes                            |  |            |                          |
| Supply                                       |                                       |  |            |                          |
| Finance Unit                                 |                                       |  |            |                          |
| Comms  |                                       |  |            |                          |
| <b>7. Operations Section</b>                 |                                       | Phone  | Cell Phone | Radio Ch                 |
| Operations Manager                           | Kerry O'Neill                         |  |            |                          |
| NZFS Commander                               | Greg Crawford                         |  |            |                          |
| Sector Supervisor                            |                                       |  |            |                          |
| Air Support Supervisor                       |                                       |  |            |                          |
| Crews  | DOC West Coast x6 - Gavin Collis      |  |            |                          |
| Crews  | High Country Fire Team x 4 Barry Hunt |  |            |                          |
| Crews  | City Care Ltd x3                      |  |            |                          |
| Crews  | NZFS Appliance x2                     |  |            |                          |
|  | NZFS Tanker Crew x2                   |  |            |                          |
| <b>8. Prepared by:</b>                       |                                       | Date/Time 16/02/17 / 1800hrs                                       |            |                          |

| <b>1. Incident Name</b><br>Port Hills Complex - MARLEYS   |                    | <b>2. Operational Period</b><br>Date 16-17/02/17<br>Time 1930-0730 |                                     | <b>COMMUNICATIONS PLAN</b> |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
|---|--------------------|--|-------------------------------------|----------------------------|--------------------|--------------------|------------------|------------------|-----------------|---------|--|--------|--|--|-------------|--|-------|--|--|------|--|-------|--|--|--|--|--|--|--|
| <b>3. Radio Channels</b> <table border="1"> <thead> <tr> <th><i>Assigned To</i></th> <th><i>Function</i></th> <th><i>Channel</i></th> <th><i>Frequency</i></th> <th><i>System</i></th> </tr> </thead> <tbody> <tr> <td>Command</td> <td></td> <td>ESB164</td> <td></td> <td></td> </tr> <tr> <td>Rural Crews</td> <td></td> <td>FIRE2</td> <td></td> <td></td> </tr> <tr> <td>NZFS</td> <td></td> <td>FIRE1</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |                    |  |                                     |                            | <i>Assigned To</i> | <i>Function</i>    | <i>Channel</i>   | <i>Frequency</i> | <i>System</i>   | Command |  | ESB164 |  |  | Rural Crews |  | FIRE2 |  |  | NZFS |  | FIRE1 |  |  |  |  |  |  |  |
| <i>Assigned To</i>  | <i>Function</i>    | <i>Channel</i>   | <i>Frequency</i>                    | <i>System</i>              |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
| Command   |                    | ESB164   |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
| Rural Crews   |                    | FIRE2  |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
| NZFS  |                    | FIRE1  |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
|   |                    |  |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
| <b>4. Telephone</b> <table border="1"> <thead> <tr> <th><i>Assigned To</i></th> <th><i>Landline</i></th> <th><i>Cellphone</i></th> <th><i>Fax</i></th> <th><i>Comments</i></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>  |                    |  |                                     |                            | <i>Assigned To</i> | <i>Landline</i>    | <i>Cellphone</i> | <i>Fax</i>       | <i>Comments</i> |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
| <i>Assigned To</i>  | <i>Landline</i>    | <i>Cellphone</i>   | <i>Fax</i>                          | <i>Comments</i>            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
|   |                    |  |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
|   |                    |  |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
|   |                    |  |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
|   |                    |  |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
| <b>6. Other (eg email, Satphone, etc)</b> <table border="1"> <tbody> <tr> <td>Contact 111</td> <td>If fire escalates.</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>  |                    |  |                                     |                            | Contact 111        | If fire escalates. |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
| Contact 111   | If fire escalates. |  |                                     |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |
| <b>7. Prepared by:</b>  | Don Geddes         |  | <b>Date/Time</b> 16/02/17 / 1800hrs |                            |                    |                    |                  |                  |                 |         |  |        |  |  |             |  |       |  |  |      |  |       |  |  |  |  |  |  |  |

| <b>1. Incident Name</b><br>Port Hills Complex  | <b>2. Operational Period</b><br>Date 16-17/02/17<br>Time 1930-0730  | <b>SAFETY PLAN</b>  |
|--|---|---|
| <b>3. General Safety Points</b>  |   |   |
| <p><b>Particular care around western edge of Marleys Hill fire with regard to potential fire runs from Early Valley fire.</b></p> <p><b>Extreme caution with any structure protection above Governors Bay and Allendale.</b></p> |   |   |
| ACES   | Fire Orders   | Watchouts   |
| <b>L</b> - Lookout(s)<br><b>A</b> – Anchor Point(s)<br><b>C</b> – Communication(s)<br><b>E</b> – Escape Route(s)<br><b>S</b> – Safety Zone(s)  | <ol style="list-style-type: none"> <li>1. Fight fire aggressively but provide for safety first.</li> <li>2. Initiate all action based upon current and expected fire behaviour.</li> <li>3. Recognise current weather conditions and obtain forecasts.</li> <li>4. Ensure instructions are given and understood.</li> <li>5. Obtain current information on fire status.</li> <li>6. Remain in Communication with crew members, your supervisor and adjoining forces.</li> <li>7. Determine safety zones and escape routes.</li> <li>8. Establish lookouts in potentially hazardous situations.</li> <li>9. Retain control at all times.</li> <li>10. Stay alert, keep calm, think clearly, act decisively.</li> </ol> | <ol style="list-style-type: none"> <li>1. Fire not scouted and sized up.</li> <li>2. In country not seen in daylight.</li> <li>3. Safety zones and escape routes not identified.</li> <li>4. Unfamiliar with weather and local factors influencing fire behaviour.</li> <li>5. Uninformed on strategy, tactics and hazards.</li> <li>6. Instructions and assignments not clear.</li> <li>7. No communications link with crew members or supervisor.</li> <li>8. Constructing fireline without safe anchor point.</li> <li>9. Constructing fireline downhill with fire below.</li> <li>10. Attempting frontal assault on fire.</li> <li>11. Unburned fuel between you and the fire.</li> <li>12. Cannot see main fire, not in contact with anyone who can.</li> <li>13. On hillside where rolling material can ignite fuel below.</li> <li>14. Weather is getting hotter and drier.</li> <li>15. Wind increases and/or changes direction.</li> <li>16. Getting frequent spot fires across the line.</li> <li>17. Terrain and fuels make escape to safety zones difficult.</li> <li>18. Taking a nap near the fire line.</li> </ol> |

#### **4. Specific Safety Points**

- Off and on highway within cordon – speed limit of 30km, headlights and seatbelts on at all times
- Competent four wheel drivers for off road
- Power lines/poles/pylons within the fire ground have been assessed.
- **MAINTAIN A SAFE DISTANCE OF 30M FROM THESE STRUCTURES**
- **FIRE GROUND WILL BECOME SLIPPERY IF SHOWERS OCCUR**
- Maintain hydration and nutrition levels
- Wasps and bees present
- Dust and smoke inhalation
- Steep terrain – potential rockfalls, bluffs present
- Report all accident and near misses
- Sun exposure/hypothermia
- Aircraft movements around heli operations and water bombing
- Heavy machinery operations
- Potential rootballs dislodging
- Unstable trees with damaged root structures
- Beware of public, farmers, recreational users, and stock – contact line manager if issues arise.

**5. Prepared By:** Graeme Knight

**Date/Time** 16/02/17 / 1800hrs



| <b>1. Incident Name</b><br>Port Hill Complex  |                       | <b>2. Operational Period</b><br>Date 16-17/02/17<br>Time 1930-0730 |                             | <b>SECTOR<br/>ASSIGNMENT</b> |
|---|-----------------------|--|-----------------------------|------------------------------|
| <b>3. Sector</b><br>Marley  | <b>4. Description</b> |  | <b>5. Division Assigned</b> |                              |
| <b>6. Sector Supervisor</b><br>Barrie Hunt (HCFT)   |                       | <b>Affiliation</b>   | <b>Phone</b>                | <b>Radio Ch</b><br>FIRE2     |
| <b>7. Resources Assigned this period</b>  |                       |  |                             |                              |
| <b>Resource/Crew</b>  | <b>Leader</b>         | <b># Persons</b>   | <b>Vehicles</b>             | <b>Cellph</b>                |
| High Country Fire Tm  | Barry Hunt            | 3  | 4x4 appliance               |                              |
| City Care Ltd   | Dave Reese            | 3  | Smokechaser & Tanker        |                              |
| DOC West Coast  |                       |  |                             |                              |
| NZFS  |                       |  |                             |                              |
| NZFS  |                       |  |                             |                              |
| <b>8. Sector Assignment / Special Instructions</b>  |                       |  |                             |                              |
| Carry out site assessments of all significant structures within the cordon<br>All crews to work with handheld thermal imaging cameras to assess hotspots within 50metres of structures and record results as per sheet provided |                       |  |                             |                              |
| <b>9. Sector Communications</b>   |                       | <b>Phone</b>   | <b>Radio Ch</b>             |                              |
| Air Attack Supervisor   |                       |  |                             |                              |
| Safety Officer  |                       |  |                             |                              |
| <b>10. Prepared By:</b>   |                       | Date/Time 16/02/17 / 1800hrs                                       |                             |                              |

|  |                  |  |                            |  |                  |                 |  |
|--|------------------|--|----------------------------|--|------------------|-----------------|--|
| <b>1. Incident Name</b><br>Port Hills Complex  |                  | <b>2. Operational Period</b><br>Date 16-17/02/17<br>Time 1930-0730 |                            | <b>MEDICAL PLAN</b>                        |                  |                 |  |
| <b>3. First Aid Station</b><br><b>Name</b>   |                  | <b>Location</b>  | <b>Phone/Radio Channel</b> | <b>Paramedics available at Station</b>     |                  |                 |  |
| AMBULANCE  | CHCH             | 111  | Yes                        |  |                  |                 |  |
|  |                  |  |                            |  |                  |                 |  |
| <b>4. Transportation</b><br><b>Ambulance Service</b>   |                  | <b>Address</b>   | <b>Phone/Radio Channel</b> | <b>Paramedics available with Ambulance</b> |                  |                 |  |
| Westpac Rescue Helicopter  | 515 Memorial Ave | 03 358 244   |                            |  |                  |                 |  |
|  |                  |  |                            |  |                  |                 |  |
| <b>5. Hospitals</b><br><b>Hospital Name</b>  |                  | <b>Address</b>   | <b>Phone</b>               | <b>Travel Time</b>                         | <b>Burn Unit</b> | <b>Heli Pad</b> |  |
| Christchurch Public Hospital   | Hagley Park      | 03 264 0640  | 1 hr                       | 20 min                                     |                  |                 |  |
| Burwood Hospital   | 300 Burwood Road | 03 383 6836  | 1.5 hr                     | 30 min                                     |                  |                 |  |
| CDHB HPO Matt Willoughby   | DDI 03 378 6733  |  |                            |  |                  |                 |  |
|  |                  |  |                            |  |                  |                 |  |
| <b>6. Special Emergency Procedures</b><br>Notify IC immediately of any injuries or emergency calls |                  |  |                            |  |                  |                 |  |
| <b>7. Prepared By:</b> Don Geddes  |                  | <b>Date/Time</b> 16/02/17 / 1800hrs                                |                            |  |                  |                 |  |
| <b>8. Reviewed by Safety Officer:</b> Graeme Knight  |                  | <b>Date/Time</b> 16/02/17 / 1800hrs                                |                            |  |                  |                 |  |

**FIRE BEHAVIOUR FORECAST NO: 4****FIRE NAME: PORT HILLS COMPLEX****PREDICTION PERIOD: Thursday 16<sup>th</sup> 1200 to Friday 17<sup>th</sup> 1800, February 2017**Area: Port Hills Complex, CanterburyTime & Date Forecast Issued: 1200, Feb 16th, 2017R.Chambers: Fire Behaviour Officer**Weather Summary:**

**Thursday:** An area of high pressure over the region brings cloudier conditions today with north-easterlies freshening to 30-40km/h at times this afternoon. Some evening low cloud. Highs: 19-21C, Lows: 12-14C. RH min 50%, max 85% overnight.

**Friday:** Cloudy, morning and night. Northeast 40-45km/hr, gusting 55km/hr. Light rain, or drizzle developing from evening. Becoming widespread overnight and continuing into Saturday. No significant rain or wind shift is expected during the period, but there is the potential for some steady light rain overnight Friday (1-2mm). H: 20-21C, L: 12-14C. RH could be 100% at times at higher elevations.

**Fire Behaviour General:**

The fire ground covers a range of fuel types including cured un-grazed grass and tussock lands, dense scrub and gorse, regenerating native bush and various aged exotic forest plantations. The fire area encompasses multiple valley systems and ridge lines which include complex and steep terrain, and varying aspects.

Areas of active fire growth, including back burning and flare ups are being observed. Rates of spread are slower under forest types while highest in scrub and cured grass fuels.

Potential continues for flare ups and increases in fire activity due to heavy pine plantation fuel types at both the Marley's Hill and Early Valley fire areas. The fire is also burning in heavy scrub fuels with slopes of approximately 20% which has the potential for rapid upslope runs with rates of spread of around 2-4km/hr in gorse and 500m/hr to 1km/hr in regenerating native bush and exotic forest blocks. Flame lengths would be in excess of 10m, with potential for some crowning and short range spotting in forests.

The fire above Governors Bay in regenerating native hardwoods and grass has the potential to continue backing downslope at rates of 200-500m/hr, with occasional cross slope flare-ups driven by easterly funnelling up the harbour. Flame lengths of 3-8m.

A general lessening in fire behaviour is expected from early Friday with the cooler, moister conditions. The potential still exists however with strong north-easterlies and very dry heavy fuels.

FFMCs in the mid-high 80s mean fine fuels are remain vulnerable to ignition and spread. The BUI (100+) and DC of 500+ indicates large amounts of fuel are still available for combustion and deep seated burning in heavy fuels.

**Safety Considerations:**

Winds becoming strong NE of 40-40km/hr meaning fire spread may become rapid, with high intensity upslope runs with aspect and fuel changes.

Steep terrain requires awareness of rock fall hazard and rapid rates of spread which may be hazardous to ground staff.

Smoke conditions may interfere with aircraft operations and may also pose a health hazard to fire fighters and public.

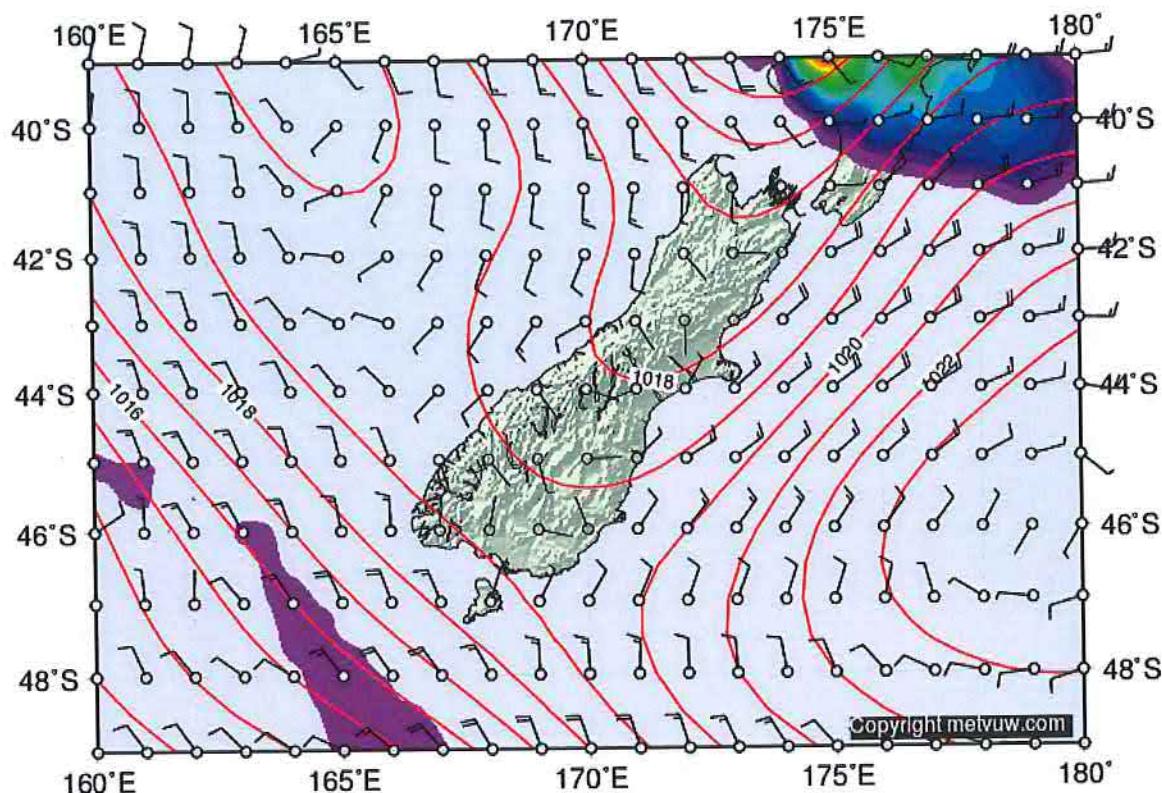
Interface fire conditions mean a mix of fuel types including potentially explosive materials will be a hazard to crews.

High intensity runs producing ember transport have the potential to breach fire breaks such as roads and bare earth control lines and threaten properties. Uncontained sections of the perimeter also have the potential to continue perimeter growth towards the south and south-west.

## Forecast Weather Maps: 0100 17<sup>th</sup> Feb 2017

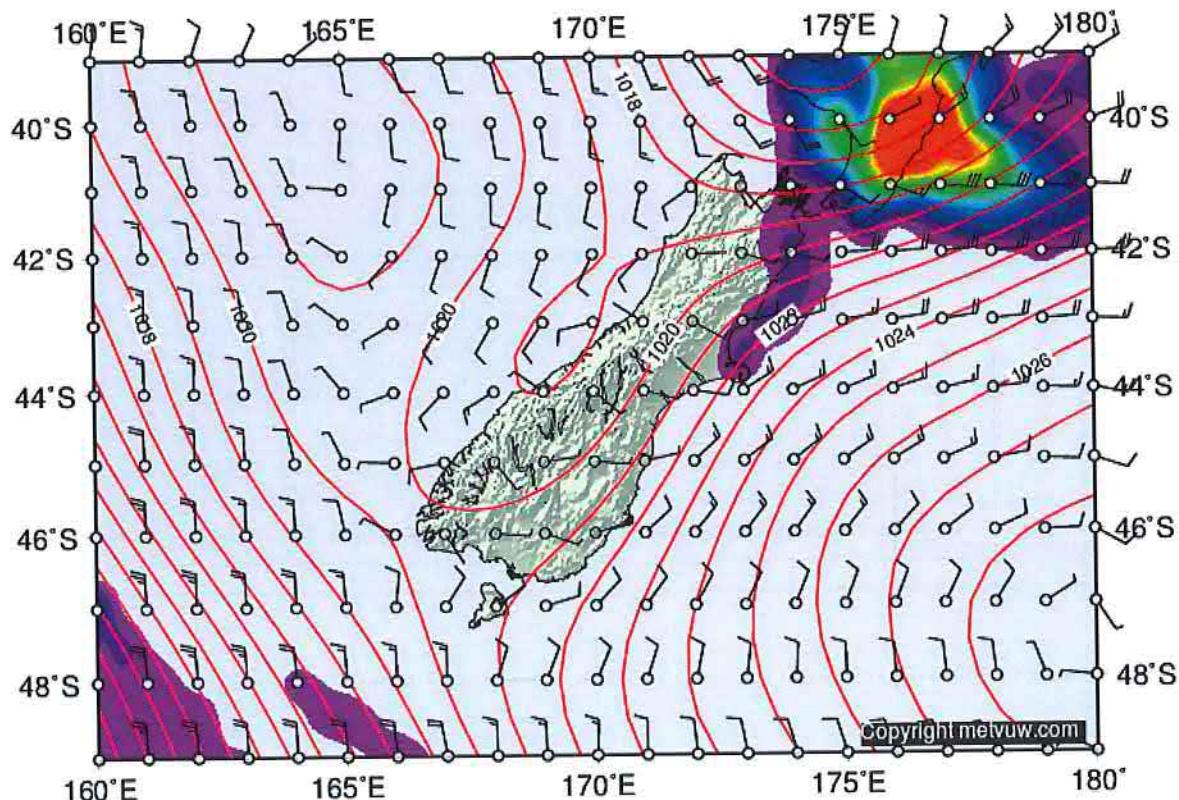
Valid for:- 0100 NZDT Friday 17 February 2017

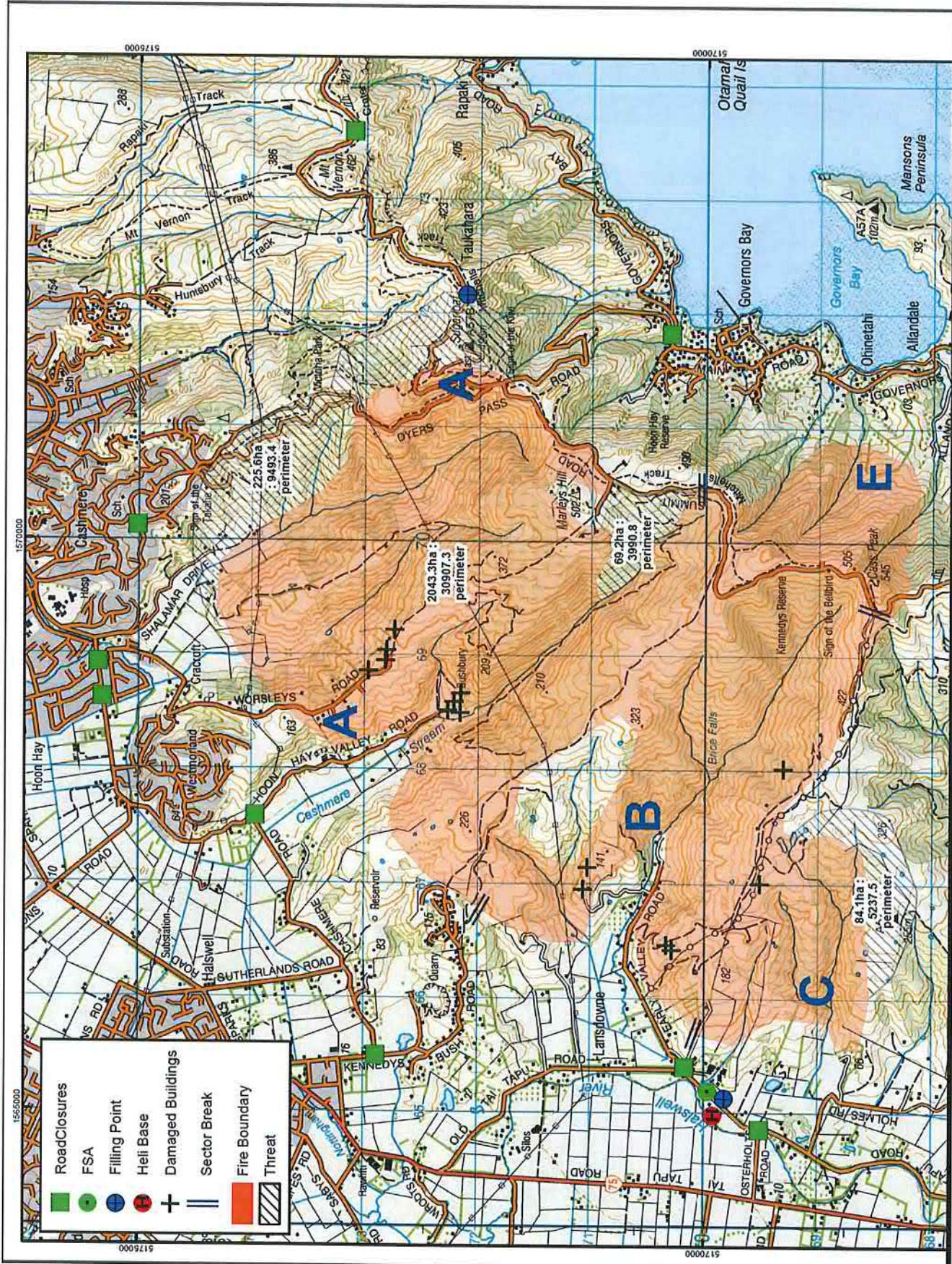
Forecasts issued at:- 0700 NZDT Thu 16 Feb 2017 (1800 GMT Wed 15 Feb 2017)



Valid for:- 1300 NZDT Friday 17 February 2017

Forecasts issued at:- 0700 NZDT Thu 16 Feb 2017 (1800 GMT Wed 15 Feb 2017)





|   |   |                        |
|---|---|------------------------|
| <b>1. Incident Name</b><br>Port Hills Complex | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 | <b>IAP COVER SHEET</b> |
|---|---|------------------------|

## INCIDENT ACTION PLAN

The items checked below are included in the incident Action Plan

- SITUATION REPORT
- INCIDENT OBJECTIVES
- ORGANISATION LIST
- COMMUNICATIONS PLAN
- SAFETY PLAN
- SECTOR ASSIGNMENT
- MEDICAL PLAN
- FIRE MAP
- WEATHER FORECAST
- SMOKE PROPAGATION MODELLING
- 
- 
- 
- 
- 
- 

### 3. Approved by Incident Controller:

| Name             | Signed   | Date/Time            |
|------------------|--|----------------------|
| Richard McNamara |  | 16/02/17<br>2000 hrs |

**CC**

|  |   | <b>SITUATION</b>              | <b>REPORT</b> |
|--|---|-------------------------------|---------------|
| <b>1. Incident Name</b><br><b>Port Hills Complex</b>   | <b>2. Operational Period</b><br>Date: 16 February 2017<br>Time: 1900hrs |                               | RF201         |
| <b>3. Location</b><br><b>Marleys Hill and Early Valley</b>   | <b>4. Vegetation</b><br>Forest/Scrub/Grass/Slash                        | <b>5. NZ Topo50 Grid Ref.</b> |               |
| <p><b>6. Assessment</b></p> <p>The Port Hill fires (Early Valley &amp; Summit Road) have now merged into one following the significant escalation of the fire during the afternoon and evening of the 15 February. The area of the fire is now 2075ha and this area has been contained during the day time operational period of the 16th. This containment was confirmed when the fire perimeter was re-flown at 1600. Locations requiring continued suppression efforts include the area above Dyers Pass Road below Sign of the Kiwi into Victoria Park, in and around Sugar Loaf, area around Marleys Hill and the southern flank of the fire which potentially could blow out into unburnt fuel. The fire runs on the 15<sup>th</sup> took the fire into close proximity of the dense residential housing of Westmoreland.</p> <p>There have been a significant number of properties affected.</p> <p>At this moment the confirmed number destroyed structures is 11 houses and 2 large sheds.</p> <p>Metservice weather Port Hills 19:10; 17 degree, 85% RH and average wind E 39km/hr.</p>  |   |                               |               |
| <p><b>7. Action taken</b></p> <p>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.</p> <p>Works during the day has focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews working.</p> <p>A number of evacuations were undertaken yesterday as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads. Many other households have self-evacuated. Actual number of people affected is unknown. Operations are working through a process to assess homes so people can return to their homes.</p> <p>Road closures have been extended with police and defence manning road blocks.</p> <p>There is a Welfare Centre at the Halswell Library being managed by Civil Defence.</p> <p>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17<sup>th</sup> February. Power authorities are working to maintain service.</p> <p>Total Fire Ban put into place from Waimate/McKenzie District to Hurunui District by the National Fire Authority. Effective 17<sup>th</sup> February until further notice. This has been done to reduce the potential for further fire outbreaks while regional resources are concentrating on the Port Hills fire.</p> |   |                               |               |
| <p><b>8. Factors</b></p> <p>Key factors are</p> <ul style="list-style-type: none"> <li>• Smoke reducing visibility</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Continued significant resource commitment in terms of personnel and equipment</li> <li>• Limited water supplies close to the fire ground are being exhausted.</li> <li>• Damage to power infrastructure</li> <li>• Fire crews, helicopter personnel and management staff fatigue. Rotation with resources from outside the region need to be considered.</li> </ul>  |   |                               |               |
| <p><b>9. Predicted Incident Development</b></p> <p>Tomorrow (17 Feb) NE winds are expected to increase to 40-45 km/hr and gusting to 55km/hr. The RH is also expected to increase 100/% as drizzle develops in the evening. These conditions are expected have fire behaviour similar to today with increased wind maybe flaring up hot spots and high RH making new fires less likely to develop. On Saturday the drizzle is expected to turn to light rain with continued NE winds, these will be good conditions for blacking out the fire perimeter. Areas of concern are the land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.</p>  |   |                               |               |
| <b>10. Prepared by:</b> Terry O'Neill  |   | Date/Time 16/02/2017 2000 hrs |               |

|  |   |                             |
|--|---|-----------------------------|
| <b>1. Incident Name</b><br>Port Hills Complex  | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 | <b>INCIDENT OBJECTIVES</b>  |
| <b>3. Overall Incident Objectives</b>  |   |                             |
| <ol style="list-style-type: none"> <li>1) To protect life by ensuring the safety of all personnel and the public.</li> <li>2) Provide asset protection to all identified values under threat, where it is safe to do so.</li> <li>3) Ensure all required preparations for next operational period are completed</li> <li>4) Undertake risk assessment to enable the public to return to buildings.</li> <li>5) Strengthen containment line and join methodically to existing completed/safe cold line around the fire perimeter.</li> </ol>  |   |                             |
| <b>4. Strategies for specified Operational Period</b>  |   |                             |
| <ol style="list-style-type: none"> <li>1a) Clearly identify fireground and any other areas of risk</li> <li>1b) Ensure access to fireground is restricted to trained, competent and assigned personnel only</li> <li>1c) Ensure Safety Officer/s are appointed, briefed and actively managing safety risks</li> <li>1d) Provide clear briefings ad command and control and communications</li> </ol><br><ol style="list-style-type: none"> <li>2a) Identify all assets that may be at threat within the operational period</li> <li>2b) Assess each asset for likelihood of successful protection</li> <li>2c) Assess resources available over operational period</li> <li>2d) Prioritise sites or secure more resources if insufficient for protection of all assets</li> <li>2e) Ensure security of evacuated areas is maintained</li> </ol><br><ol style="list-style-type: none"> <li>3a) Ensure IMT has been briefed by night Ops before departing the fire ground to ensure any required activities or preparations for following operational period are understood</li> <li>3b) Sector Supervisor to confirm crew availability to Operations Manager no later than 1100 hours</li> </ol><br><ol style="list-style-type: none"> <li>4a) Undertake thermal imaging assessments of buildings once environment cools</li> <li>4b) Using Council systems to identify and contact landowners/occupants to inform them as to whether they can return home.</li> <li>4c) Undertake public messaging to support this action</li> </ol><br><ol style="list-style-type: none"> <li>5a) Starting from anchor points or safety zones, methodically work the perimeters with either hand tools, water or machinery to reinforce perimeter fire breaks.</li> <li>5b) Initially establish 1 to 5 metre fire breaks as above. In areas of concern or heavy vegetation increase the width to 20 metres.</li> <li>5c) Where possible GPS all completed line to be downloaded by situation at the end of shift.</li> <li>5d) Sector supervisors to liaise with Ops regarding helicopter water drops onto their sectors.</li> </ol> |   |                             |
| <b>5. Prepared by:</b>   | Trevor Tidey  | Date/Time 16/02/17 2000 hrs |
|  |   |                             |

| 1. Incident Name            |                            | 2. Operational Period |            | ORGANISATION LIST |  |
|-----------------------------|----------------------------|-----------------------|------------|-------------------|--|
| Port Hill Complex           |                            | Date                  | 17/02/17   |                   |  |
| 3. Incident Control         |                            | Phone                 | Cell Phone | Radio Ch          |  |
| Incident Controller         | Richard McNamara           |                       |            |                   |  |
| Information Officer         | Stephen Hill               |                       |            |                   |  |
| Safety Officer              | Phil Crutchley (Alpha)     |                       |            |                   |  |
| PIM                         | CDEM Group                 |                       |            |                   |  |
| Safety Officer              | Steve Oschner (Bravo)      |                       |            |                   |  |
| Liaison Officer             | Tim Mitchell-NRFA          |                       |            |                   |  |
|                             | Major Peter-NZDF           |                       |            |                   |  |
|                             | Ian Rex-St John            |                       |            |                   |  |
|                             | Gavin Treadgold-CDEM Group |                       |            |                   |  |
|                             | Andy Thompson-DOC          |                       |            |                   |  |
|                             | Chris Scott-Police         |                       |            |                   |  |
| RIMT IC                     | Rob Hands                  |                       |            |                   |  |
|                             |                            |                       |            |                   |  |
| 4. Agency Representative    |                            | Phone                 | Cell Phone | Radio Ch          |  |
| Lead Agency                 | SDC Douglas Marshall       |                       |            |                   |  |
| Lead Agency                 | DOC Andy Thompson          |                       |            |                   |  |
| 5. Planning/Intell Section  |                            | Phone                 | dio Ch     |                   |  |
| Planning/Intell Manager     | Tony Teeling               |                       |            |                   |  |
| Dept Planning/Intel Manager | Allan Grigg                |                       |            |                   |  |
| Management Support Unit     | Jeanette Clark             |                       |            |                   |  |
| Situation Unit              | Veronica Clifford          |                       |            |                   |  |
| Situation Unit              | Grant Pearce               |                       |            |                   |  |
| Situation Unit              | Terry O'Neil               |                       |            |                   |  |
| Resources Team Leader       | Julie Woodward             |                       |            |                   |  |
| Resources                   | John Skilton               |                       |            |                   |  |
| Resources                   | Jo Clark                   |                       |            |                   |  |
| Resources                   | Jo Harkerss                |                       |            |                   |  |
| Resources                   | Pete Johnson               |                       |            |                   |  |
| Fire Behaviour              | Nathan Keegan              |                       |            |                   |  |
| Fire Investigation          | Rory Hoogenraad            |                       |            |                   |  |
| Ground Observers            | Warren Hunt                |                       |            |                   |  |
| Ground Observers            | Shaun Tivers               |                       |            |                   |  |
| Ground Observers            | Paul Grover                |                       |            |                   |  |

|                                  |                          |                                     |            |          |
|----------------------------------|--------------------------|-------------------------------------|------------|----------|
| Ground Observers                 | Steve Pemberton          |                                     |            |          |
| Ground Observers                 | Brad Edwards             |                                     |            |          |
| <b>6. Logistics Section</b>      |                          | Phone                               | Cell Phone | Radio Ch |
| Logistics Manager                | Janet Walsh (Don Geddes) |                                     |            |          |
| Logistics Supply                 | Kay Holder               |                                     |            |          |
| Finance Unit                     | Craig Westley            |                                     |            |          |
| Comms                            | Pam Stephens             |                                     |            |          |
|                                  | SDC                      |                                     |            |          |
| <b>7. Operations Section</b>     |                          | Phone                               | Cell Phone | Radio Ch |
| Operations Manager               | Trevor Tidey             |                                     |            |          |
| Deputy Operations Manager        | John Hays-NZDF           |                                     |            |          |
| Air Attack Supervisor            | Graeme Still             |                                     |            |          |
| Air Support Supervisor           | Atila deOliveria         |                                     |            |          |
| Assistant Air Support Supervisor | Carrie Lakin             |                                     |            |          |
| Ground Support                   |                          |                                     |            |          |
| <b>8. Prepared by:</b>           | <b>Allan Grigg</b>       | <b>Date/Time</b> 16/02/17 / 2000hrs |            |          |

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| <b>1. Incident Name</b><br>Port Hills Complex – ALPHA MARLEYS |                    | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                  | <b>COMMUNICATIONS PLAN</b>   |
|---|--------------------|---|------------------|------------------------------|
| <b>3. Radio Channels</b>                                      |                    |   |                  |                              |
| <b>Assigned To</b>  | <b>Function</b>    | <b>Channel</b>  | <b>Frequency</b> | <b>System</b>                |
| IMT   | Command            | ESB164  |                  | 027 534 1742                 |
| Air   | Air Support        | FIRE4   |                  |                              |
| Alpha Marleys   | Crews              | Fire2   |                  |                              |
| Bravo Early Valley  | Crews              | Fire3   |                  |                              |
| Charlie Early Valley  | Crews              | Fire3   |                  |                              |
| Echo Governors Bay  | NZFS Crew          | Fire1   |                  |                              |
| <b>4. Telephone</b>   |                    |   |                  |                              |
| <b>Assigned To</b>  | <b>Landline</b>    | <b>Cellphone</b>  | <b>Fax</b>       | <b>Comments</b>              |
| Kirsty Percasky   |                    |   |                  | SFP Sign of Kiwi             |
| Sarah Ensor   |                    |   |                  | SFP Sign of Kiwi             |
| Colleen Cooper  |                    |   |                  | SFP Sign of Kiwi             |
| Rachel Pelvin   |                    |   |                  | SA Marleys                   |
| Sasha Roselli   |                    |   |                  | SA Marleys                   |
| <b>5. Other (eg email, Satphone, etc)</b>                     |                    |   |                  |                              |
|   |                    |   |                  | <b>Email</b>                 |
| Logistics   |                    |   |                  | logistics@selwyn.govt.nz     |
| Operations  |                    |   |                  | operations@selwyn.govt.nz    |
| Public Information  |                    |   |                  | pim@selwyn.govt.nz           |
| Planning  |                    |   |                  | Eoc.plan@selwyn.govt.nz      |
| Welfare   |                    |   |                  | welfare@selwyn.govt.nz       |
| Contact 111   | If fire escalates. |   |                  |                              |
| <b>6. Prepared by:</b>  | Don Geddes         |   |                  | Date/Time 16/02/17 / 2000hrs |

| 1. Incident Name   |                       | 2. Operational Period |                                | AIR OPERATIONS            |
|--|-----------------------|-----------------------|--------------------------------|---------------------------|
| Port Hills Complex   | Date<br>Time          | 17/02/17<br>0730-1930 |                                | PLAN                      |
| 3. Personnel and Communications                            |                       |                       |                                |                           |
| Position   | Name                  | Affiliation           | Phone                          | Radio Chan                |
| Air Attack Supervisor                                      | Graeme Still          | CCC                   |                                | FIRE4                     |
| Air Support Supervisor                                     | Atila deOliveria      | Buller DC             |                                | FIRE4                     |
| Assistant Air Support Supervisor                           | Carrie Lakin          | Mid-South Canterbury  |                                | FIRE4                     |
| 4. Air Resource Assignments                                |                       |                       |                                |                           |
| Pilot Name/<br>Company                                     | Aircraft<br>Type      | Reg or<br>Callsign    | Assignment                     | Tactical<br>Freq/<br>Chan |
|  | Cressco<br>Fixed Wing | TB                    | Christchurch<br>International  | FIRE4                     |
|  | Fixed wing<br>x1      |                       | Retardant/<br>Water<br>bombing | FIRE4                     |
|  | Fixed wing<br>x 1     |                       | Retardant/<br>Water<br>bombing | FIRE4                     |
|  | Squirrel              | HUQ                   |                                | FIRE4                     |
|  | Squirrel              | HOQ                   |                                | FIRE4                     |
|  | Cabri                 |                       | GPS Plotting                   | FIRE4                     |
|  | BK117                 | HJU                   |                                | FIRE4                     |
|  | EC120                 | HTV                   |                                | FIRE4                     |
|  | Squirrel              | HPQ                   |                                | FIRE4                     |
|  | Squirrel              | HDQ                   |                                | FIRE4                     |
| Beck   | Squirrel              | IBC                   |                                | FIRE4                     |
|  | BK117                 | HGU                   |                                | FIRE4                     |
| Beck   | Iroquois<br>UH1       | HHB                   | Gov Bay                        | FIRE4                     |
| Beck   | Iroquois<br>UH1       | HHB                   | Gov Bay                        | FIRE4                     |
| Air Retardant Crew<br><br>Based at Christchurch<br>Airport |                       |                       |                                |                           |

**5. Location of Filling Points/Service Areas**

|                                    |                    |
|------------------------------------|--------------------|
| Christchurch International Airport | Grays Rd, Harewood |
| Old Tai Tapu Rd (Helibase)         |                    |

**6. Safety notes/Hazards/Radio Coverage Limitations**

NOTAM in place  
Aviation Security at Christchurch Airport

**7. Air Operations Special Equip or Service**

Garden City 10K Jet A1 Tanker  
ChCh Heli x 5  
NZFSC Lincoln x 5  
Mt Hutt x 1 caravan  
Beck x 2

**8. Prepared by:** Don Geddes      **Date/Time** 16/02/17 / 2000hrs

| <b>1. Incident Name</b><br>Port Hills Complex  | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930   | <b>SAFETY PLAN</b>  |
|--|---|---|
| <b>3. General Safety Points</b><br><br>Particular care around western edge of Marleys Hill fire with regard to potential fire runs from Early Valley fire.<br><br>Extreme caution with any structure protection above Governors Bay and Allendale. |   |   |
| <b>ACES</b>  | <b>Fire Orders</b>  | <b>Watchouts</b>  |
| <b>L</b> - Lookout(s)<br><b>A</b> – Anchor Point(s)<br><b>C</b> – Communication(s)<br><b>E</b> – Escape Route(s)<br><b>S</b> – Safety Zone(s)  | <ol style="list-style-type: none"> <li>1. Fight fire aggressively but provide for safety first.</li> <li>2. Initiate all action based upon current and expected fire behaviour.</li> <li>3. Recognise current weather conditions and obtain forecasts.</li> <li>4. Ensure instructions are given and understood.</li> <li>5. Obtain current information on fire status.</li> <li>6. Remain in Communication with crew members, your supervisor and adjoining forces.</li> <li>7. Determine safety zones and escape routes.</li> <li>8. Establish lookouts in potentially hazardous situations.</li> <li>9. Retain control at all times.</li> <li>10. Stay alert, keep calm, think clearly, act decisively.</li> </ol> | <ol style="list-style-type: none"> <li>1. Fire not scouted and sized up.</li> <li>2. In country not seen in daylight.</li> <li>3. Safety zones and escape routes not identified.</li> <li>4. Unfamiliar with weather and local factors influencing fire behaviour.</li> <li>5. Uninformed on strategy, tactics and hazards.</li> <li>6. Instructions and assignments not clear.</li> <li>7. No communications link with crew members or supervisor.</li> <li>8. Constructing fireline without safe anchor point.</li> <li>9. Constructing fireline downhill with fire below.</li> <li>10. Attempting frontal assault on fire.</li> <li>11. Unburned fuel between you and the fire.</li> <li>12. Cannot see main fire, not in contact with anyone who can.</li> <li>13. On hillside where rolling material can ignite fuel below.</li> <li>14. Weather is getting hotter and drier.</li> <li>15. Wind increases and/or changes direction.</li> <li>16. Getting frequent spot fires across the line.</li> <li>17. Terrain and fuels make escape to safety zones difficult.</li> <li>18. Taking a nap near the fire line.</li> </ol> |

#### **4. Specific Safety Points**

- Off and on highway within cordon – speed limit of 30km, headlights and seatbelts on at all times
- Competent four wheel drivers for off road
- Power lines/poles/pylons within the fire ground have been assessed.
- **MAINTAIN A SAFE DISTANCE OF 30M FROM THESE STRUCTURES**
- **FIRE GROUND WILL BECOME SLIPPERY IF SHOWERS OCCUR**
- Maintain hydration and nutrition levels
- Wasps and bees present
- Dust and smoke inhalation
- Steep terrain – potential rockfalls, bluffs present
- Report all accident and near misses
- Sun exposure/hypothermia
- Aircraft movements around heli operations and water bombing
- Heavy machinery operations
- Potential rootballs dislodging
- Unstable trees with damaged root structures
- Beware of public, farmers, recreational users, and stock – contact line manager if issues arise.
- Pink ribbons tied around dangerous trees – unsafe – stay 2 times the height of the tree away

**5. Prepared By:** Graeme Knight

**Date/Time** 16/2/2017 / 2000

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| <b>1. Incident Name</b><br>Port Hill Complex  |  | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                           | <b>SECTOR ASSIGNMENT</b>    |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
|---|--|---|---------------------------|-----------------------------|--------------------------|----------------------|---------------|------------------|---------------------------|---|--------------------------|----------------------------|----------------|---------------|--|--|--|---------------------|--|---|--|--|--|-----------------------|--|---|--|--|--|----------------------|--|---|--|--|--|-------------------|--|---|--|--|--|-------------------------|--|---|--|--|--|-----------------------|--|---|--|--|--|
| <b>3. Sector</b><br>Alpha   | <b>4. Description</b><br>Marleys and Worsleys Spur |   |                           | <b>5. Division Assigned</b> |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| <b>6. Sector Supervisor</b><br>Nick Singleton (Summit Rd) and Brian Taylor (Worsleys Spur)<br>FIRE3 + 164<br>NS 0274941165,   |  | <b>Affiliation</b>  |                           | <b>Phone</b>                | <b>Radio Ch</b>          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
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| <b>Resource/Crew</b>  | <b>Leader</b>                                      | <b># Persons</b>  | <b>Transport Required</b> | <b>Drop-off Point/time</b>  | <b>Pickup Point/time</b> |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Crew 1- DOC Aoraki + medic  |  | 4   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Crew 2- CCC Coastal   |  | 4   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Crew 3- DOC Geraldine   |  | 5   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Crew 4- DOC Mahaanui  |  | 4   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Crew 5- DOC Otago   |  | 4   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Crew 6 –Ashburton Rural   |  | 4   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Crew 7- Alford Forest   |  | 3   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| <b>8. Sector Assignment / Special Instructions</b><br>Protrans tanker plus one other to continue to fill sugar loaf pond.<br>Helicopter to apply retardant around houses at junction of Worsleys Spur and Summit Road south of Marleys peak<br>Protect life and property. Strengthen containment lines. Direct attack where required.   |  |   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
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|   | <b>Phone</b>                                       | <b>Radio Ch</b>   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Air Support Supervisor  | Dean Turner AAS<br>Atila deOliveria ASS            |   | Fire4                     |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| Safety Officer  | Graeme Knight                                      |   |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |
| <b>10. Prepared By:</b> Bruce Jane  |  | Date/Time 16/02/2017 / 2000                                     |                           |                             |                          |                      |               |                  |                           |   |                          |                            |                |               |  |  |  |                     |  |   |  |  |  |                       |  |   |  |  |  |                      |  |   |  |  |  |                   |  |   |  |  |  |                         |  |   |  |  |  |                       |  |   |  |  |  |

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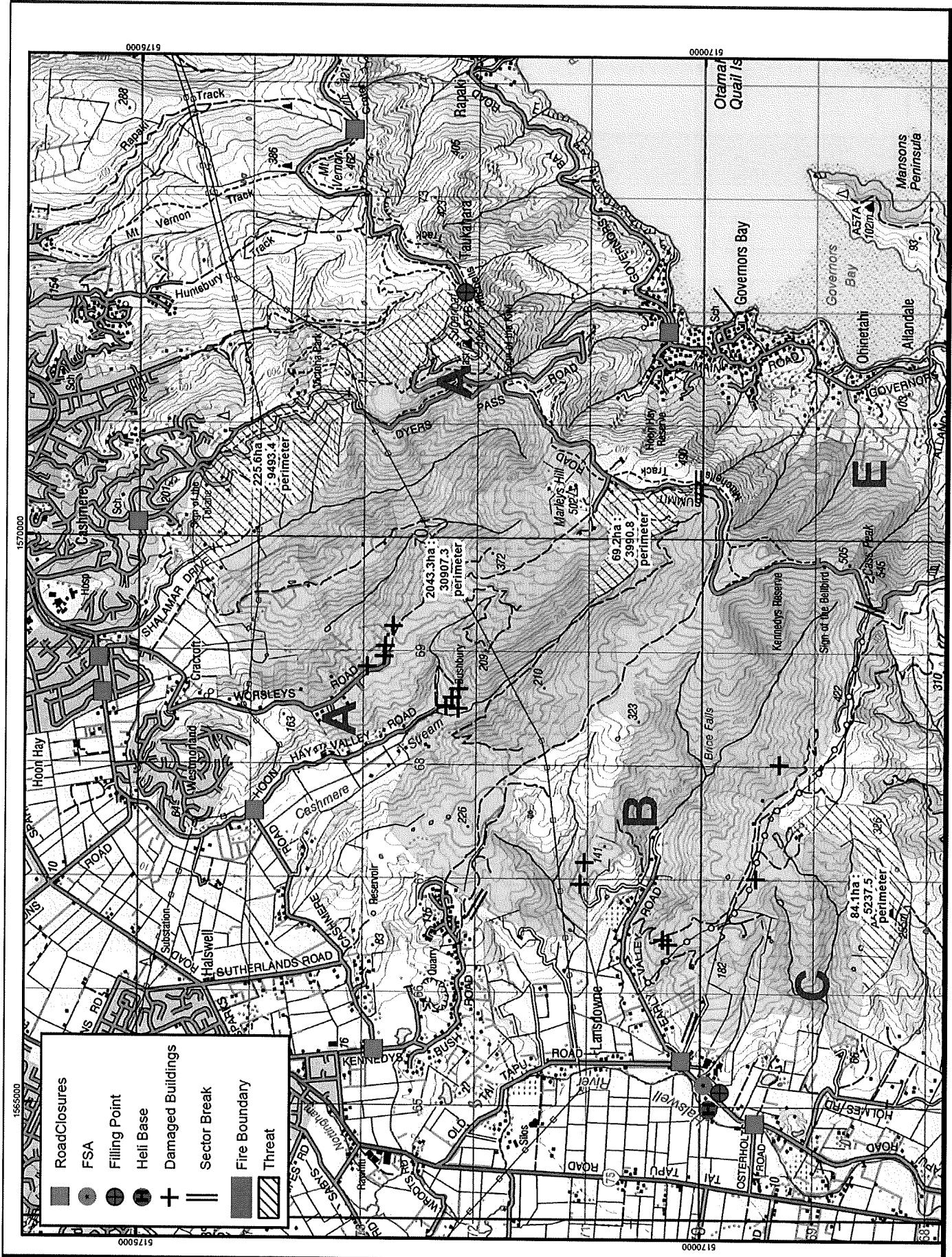
| <b>1. Incident Name</b><br>Port Hill Complex   |  | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |   | <b>SECTOR<br/>ASSIGNMENT</b>   |                              |
|--|--|---|---|--------------------------------|------------------------------|
| <b>3. Sector</b><br>Bravo  | <b>4. Description</b><br>Early Valley area |   |   | <b>5. Division Assigned</b>    |                              |
| <b>6. Sector Supervisor</b><br>Al Hutt   |  | <i>Affiliation</i><br>DOC                                       | <i>Phone</i>                            | <i>Radio Ch</i><br>FIRE3 + 164 |                              |
| <b>7. Resources Assigned this period</b>   |  |   |   |                                |                              |
| <i>Resource/Crew</i>   | <i>Leader</i>                              | <i># Persons</i>  | <i>Transp<br/>ort<br/>Requir<br/>ed</i> | <i>Drop-off<br/>Point/time</i> | <i>Pickup<br/>Point/time</i> |
| Crew 1- HCFT   |  | 5   |   |                                |                              |
| Crew 4- Darfield VRFF  |  | 10  |   |                                |                              |
| Crew 5 - HEB x 4   |  | 4   |   |                                |                              |
| Crew 6 -Maekerikeri<br>Silviculture x 4 +<br>chainsaws   |  | 4   |   |                                |                              |
| Safety – Steve Ochsner   |  |   |   |                                |                              |
| <b>8. Sector Assignment / Special Instructions</b><br>Protect life and property.<br>Strengthen containment lines.<br>Patrol road edge, prevent from crossing road.<br>Prevent fire breaching retardant line. |  |   |   |                                |                              |
| <b>9. Sector Communications<br/><i>Ch</i></b>  |  | <i>Phone</i>  | <i>Radio</i>                            |                                |                              |
| Air Attack Supervisor  | Dean Turner AAS<br>Atila deOliveria ASS    |   | FIRE4                                   |                                |                              |
| Safety Officer   | Graeme Knight<br>Safety – Steve Oschner    |   |   |                                |                              |
| <b>10. Prepared By:</b>  | Bruce Jane                                 | Date/Time 16/02/2017 / 2000                                     |   |                                |                              |

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| <b>1. Incident Name</b><br>Port Hill Complex  |   | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                                    | <b>SECTOR ASSIGNMENT</b>    |                          |
|---|---|---|------------------------------------|-----------------------------|--------------------------|
| <b>3. Sector</b><br>Charlie   | <b>4. Description</b><br>Early Valley Right Flank |   |                                    | <b>5. Division Assigned</b> |                          |
| <b>6. Sector Supervisor</b><br>Dale Wilhelm   |   | <b>Affiliation</b><br>CCL                                       |                                    | <b>Phone</b>                | <b>Radio Ch</b><br>FIRE3 |
| <b>7. Resources Assigned this period</b>  |   |   |                                    |                             |                          |
| <b>Resource/Crew</b>  | <b>Leader</b>                                     | <b># Persons</b>  | <b>Transport Required</b>          | <b>Drop-off Point/time</b>  | <b>Pickup Point/time</b> |
| Bill Stevenson Heavy Machinery  |   |   |                                    |                             |                          |
| Crew 1- Bottle Lake   |   | 5   |                                    |                             |                          |
| Crew 2- ECan  |   | 6   |                                    |                             |                          |
| Crew 4 – Hurunui  |   | 6   |                                    |                             |                          |
| Crew 5 – Hurunui  |   | 6   |                                    |                             |                          |
|   |   |   |                                    |                             |                          |
| <b>8. Sector Assignment / Special Instructions</b>  |   |   |                                    |                             |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Run hose lines.<br>Patrol Summit Road, assist with fire break being pushed right up to Summit Road<br>Direct attack as required. |   |   |                                    |                             |                          |
| <b>9. Sector Communications</b>   |   |   |                                    | <b>Phone</b>                | <b>Radio Ch</b>          |
| Air Support Supervisor  | Dean Turner AAS<br>Atila deOliveria ASS           |   |                                    |                             | Fire4                    |
| Safety Officer  | Graeme Knight                                     |   |                                    |                             |                          |
| <b>10. Prepared By:</b>   | Bruce Jane  |   | <b>Date/Time</b> 16/02/2017 / 2000 |                             |                          |

| <b>1. Incident Name</b><br>Port Hill Complex  |   | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                           | <b>SECTOR<br/>ASSIGNMENT</b> |                          |
|---|---|---|---------------------------|------------------------------|--------------------------|
| <b>3. Sector</b><br>Echo  | <b>4. Description</b><br>Governors Bay  |   |                           | <b>5. Division Assigned</b>  |                          |
| <b>6. Sector Supervisor</b><br>Gavin Dumphry  |   | <b>Affiliation</b><br>NZFS Area Commander Hutt Valley           | <b>Phone</b>              | <b>Radio Ch</b><br>FIRE1     |                          |
| <b>7. Resources Assigned this period</b>  |   |   |                           |                              |                          |
| <b>Resource/Crew</b>  | <b>Leader</b>                           | <b># Persons</b>  | <b>Transport Required</b> | <b>Drop-off Point/time</b>   | <b>Pickup Point/time</b> |
| NZFS Crews  |   | 4   |                           |                              |                          |
|   |   |   |                           |                              |                          |
|   |   |   |                           |                              |                          |
|   |   |   |                           |                              |                          |
|   |   |   |                           |                              |                          |
|   |   |   |                           |                              |                          |
| <b>8. Sector Assignment / Special Instructions</b><br>Protect life and property.<br>Overwatch only. |   |   |                           |                              |                          |
| <b>9. Sector Communications</b>   |   |   |                           |                              |                          |
| Air Support Supervisor  | Dean Turner AAS<br>Atila deOliveria ASS |   |                           | <b>Phone</b>                 | <b>Radio Ch</b><br>Fire4 |
| Safety Officer  | Graeme Knight                           |   |                           |                              |                          |
| <b>10. Prepared By:</b>   | Bruce Jane                              |   |                           | Date/Time 16/02/2017 / 2000  |                          |

|   |  |   |                            |  |             |             |  |
|---|--|---|----------------------------|--|-------------|-------------|--|
| <b>1. Incident Name</b><br>Port Hills Complex   |  | <b>2. Operational Period</b><br>Date 17/02/17<br>Time 0730-1930 |                            | <b>MEDICAL PLAN</b>                        |             |             |  |
| <b>3. First Aid Station Name</b>  |  | <b>Location</b>   | <b>Phone/Radio Channel</b> | <b>Paramedics available at Station</b>     |             |             |  |
| Stu   |  |   |                            |  |             |             |  |
| Kurt  |  |   |                            |  |             |             |  |
| Paddy   |  |   |                            |  |             |             |  |
| Fiona   |  |   |                            |  |             |             |  |
| <b>4. Transportation Ambulance Service</b>  |  | <b>Address</b>  | <b>Phone/Radio Channel</b> | <b>Paramedics available with Ambulance</b> |             |             |  |
| Westpac Rescue Helicopter   |  | 515 Memorial Ave  | 03 358 244                 |  |             |             |  |
|   |  |   |                            |  |             |             |  |
| <b>5. Hospitals</b>   |  |   |                            |  |             |             |  |
| <b>Hospital Name</b>  |  | <b>Address</b>  | <b>Phone</b>               | <b>Travel Time</b>                         | <b>Burn</b> | <b>Heli</b> |  |
| Christchurch Public Hospital  |  | Hagley Park   | 03 264 0640                | 1 hr                                       | 20 min      |             |  |
| Burwood Hospital  |  | 300 Burwood Road  | 03 383 6836                | 1.5 hr                                     | 30 min      |             |  |
| CDHB HPO Matt Willoughby  |  | DDI 03 378 6733   |                            |  |             |             |  |
|   |  |   |                            |  |             |             |  |
| <b>6. Special Emergency Procedures</b>  |  |   |                            |  |             |             |  |
| Notify line supervisor immediately in the event of injury or emergency call being made. |  |   |                            |  |             |             |  |
| <b>7. Prepared By:</b>  |  | Don Geddes  |                            | <b>Date/Time</b> 16/02/17 / 2000hrs        |             |             |  |
| <b>8. Reviewed by Safety Officer:</b>   |  | Graeme Knight   |                            | <b>Date/Time</b> 16/02/17 / 2000hrs        |             |             |  |



# Port Hills Complex - Fire Breakout Behaviour Scenarios – Part 2

Prepared: Thu. 16<sup>th</sup> February 2017, 1700 hrs

Fuel types include: Cured grass, gorse and regenerating native scrub, mixed age exotic plantations.

Fire behaviour calculations based on late-afternoon weather and FWI conditions 16 Feb. 2017

Wind speed: 30 km/h average ENE

Noon FFMC: 90, Hourly FFMC (1600h): 90.0, Hourly ISI: 19, BUI: 99

Slopes: range from flat to 20+ deg, average +/- 15 deg

Upslope SCF: 1.9-2.3, Flat SCF: 1.0, Backing SCF: 0.3-0.4

## 1) Below Dyers Rd (Adventure Park)

Mature pine plantation: NB. all pine fires exhibit crown fire potential

|                             |              |                               |        |
|-----------------------------|--------------|-------------------------------|--------|
| Flat:                       | ROS 940 m/h, | AFL 26 t/ha, HFI 12,300 kW/m, | FL 6 m |
| Flanking (cross-slope)      | 470 m/h,     | 6,000 kW/m,                   | 4.5 m  |
| Upslope:                    | 1790 m/h,    | 23,500 kW/m,                  | 8 m    |
| Backing upslope (into wind) | 360 m/h,     | 4,800 kW/m,                   | 3.5 m  |

Distance to Dyers Rd approx. 700 m

## 2) Adventure Park to Worsleys Rd (below Shalamar Dr)

Grazed grass (100% cured, 0.3 m tall, 70% cover):

|       |               |                             |        |
|-------|---------------|-----------------------------|--------|
| Flat: | ROS 3730 m/h, | AFL 3 t/ha, HFI 5,300 kW/m, | FL 4 m |
|-------|---------------|-----------------------------|--------|

Distance to Worsleys Rd approx. 700 m

## 3) Below Dyers Rd (Shalamar Rd to Sign of the Kiwi)

Hardwood scrub (2 m tall):

|                             |               |                               |          |
|-----------------------------|---------------|-------------------------------|----------|
| Flat:                       | ROS 1945 m/h, | AFL 15 t/ha, HFI 14,400 kW/m, | FL 6.5 m |
| Flanking (cross-slope)      | 1000 m/h,     | 7,000 kW/m,                   | 4.5 m    |
| Upslope:                    | 4470 m/h,     | 33,000 kW/m,                  | 9.5 m    |
| Backing upslope (into wind) | 600 m/h,      | 4,500 kW/m,                   | 3.5 m    |

Distance to Dyers Rd approx. 400 m

## **Smoke Hazard**

**Issued:** 2000hrs, Feb 16<sup>th</sup> 2017

**Prediction period:** Thursday, 16<sup>th</sup> Feb to Saturday, 18<sup>th</sup> Feb

**Despite the reduced fire activity, smoke hazard still remains high.**

- Smoke modelling for the Port Hills fire indicates the potential for high smoke hazard to public health.
- Smoke hazard levels are highest during daylight hours, especially morning and evening, and decline overnight.
- For this evening and again throughout the day on Friday, likely areas affected include Lincoln and Leeston. Particulate matter concentrations (PM2.5) are close to or exceed safe health levels.
- Smoke hazard is forecasted to decrease on Saturday, but some long range effects are forecasted as far as Timaru.

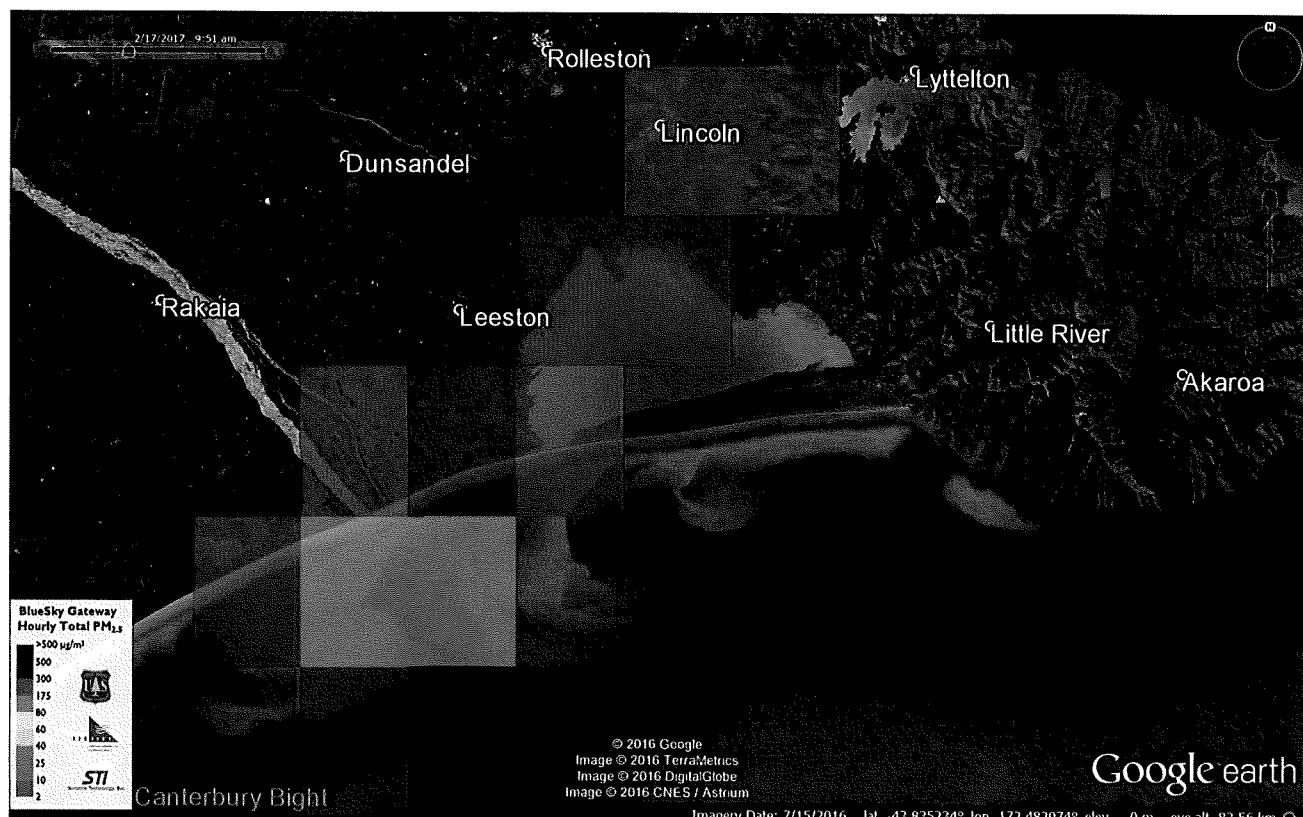


Image: Smoke prediction for Friday 17<sup>th</sup> at 9am.

## Christchurch Civil Defence Update #13

Thursday 16 February 2017

Update on Port Hills Fire 7.30pm

### Key points

- United States Coast Guard heavy icebreaker USCGC Polar Star offers to help
- Hercules heads to Australia to collect fire retardant
- 14 helicopters and 3 fixed wing aircraft were used today
- Special fire pods are being used to shoot high-pressure water into the ground to extinguish roots burning below the surface
- Almost 400 people have been on the ground fighting the blaze
- Efforts are focused on controlling the fire – it is not possible to assess the status of individual properties at this stage
- Cordon remain in place with police and Defence Force staff patrolling

Offers of assistance have been received from the United States and Australia to support the Port Hills fire response.

Christchurch Civil Defence controller Dave Adamson welcomed the offer of assistance.

Air Commodore Kevin McEvoy, the Acting Commander Joint Forces New Zealand, said an Air Force C-130 Hercules strategic airlift aircraft left for Australia this afternoon to pick up five pallets of firefighting foam and other fire-retardant materials.

A detachable fire pod is also being shipped from Wellington this evening, in addition to the four NZDF fire pods currently being used to fight the Christchurch fires. The pods can be transported on a variety of vehicles and use an ultra high-pressure hose with a pointed nozzle that can pierce the ground and douse burning roots.

An additional fire response team made up of four experienced firefighters has been sent to join the six Army firefighters currently working with Selwyn fire authorities.

Mr Adamson said emergency services recognise that many of the residents evacuated are concerned about the condition of their properties in the fire zone and are anxious to return home. At this stage the Emergency Operations Centre has received no information about the status of individual homes.

Much of the area behind cordons is very dangerous and the priority for all agencies is to get the fire under control.

Firefighters are working on the ground and from the air, doing everything possible to keep the fire away from houses.

"Police have advised that it is expected that a large number of homes will have suffered damage from smoke, heat and fire. The number of damaged homes in total will not be known until the fire emergency has ended.

"We are aware that this is an extremely anxious time for residents who have had to leave their homes and we are working with other agencies to arrange for this information to be passed on to homeowners in the affected areas as soon as the information becomes available."

Police have advised that all current cordons will remain in place tonight and into tomorrow. Police say that residents who chose to remain behind the cordons now have a special provision to exit the

cordons and return. To re-enter they must register at the cordon point and provide photo identification. They must also carry documentation proving their occupancy such as a bill or rates invoice.

#### Power supply

Around 128 customers remain without power in the Port Hills area. The power supply has been maintained to the rest of the city throughout the day, and Orion continues to closely monitor Christchurch's power supply and respond to any issues arising as a result of the fires continuing in the Port Hills.

Lines in the fire affected area in the Port Hills remain off grid, and power continues to be rerouted, including through Orion's new underground, Northern Loop cable.

Orion asks residents and businesses to conserve power where ever possible, to reduce the load on the network while it is in contingency mode.

It is possible that there will be further outages until the fires are fully extinguished. Orion urges residents in the Port Hills area to take particular care around electricity at this time.

For updates on power outages around the city visit [www.oriongroup.co.nz](http://www.oriongroup.co.nz) or call 03 363 9898 for more information.

#### Welfare

The teams providing welfare support are truly grateful for offers of help for services, but there is no need at the moment – the teams are well-resourced.

People can call 0800 777 846 for support and general practice medical centres are open for those who feel unwell or unable to cope. It is normal to feel anxious or stressed during abnormal events, and talking about how you feel to someone you trust can help. Advice can be found online at:

<http://allright.org.nz/articles/practical-tips-coping-disaster/>

<https://www.facebook.com/allrightnz/?fref=ts>

People with financial needs can contact Work and Income (0800 559 009) or go into any site in Christchurch. Civil Defence payments are available, more information can be found here:

<https://www.workandincome.govt.nz/about-work-and-income/news/2017/2017/christchurch-fires.html>

#### Firefighting efforts

More than 390 firefighters have been fighting the fire today, including 26 rural fire crews with more than 200 personnel between them. The fire service has 62 crews with 190 pumps and tankers, and more than 160 firefighters on the ground.

The fire service is asking people to stay away from the area so that the fire crews can do their work safely. The terrain is difficult and challenging, posing a risk to firefighters.

There are 14 helicopters flying and three fixed wing aircraft on the scene.

#### Fire ban

National Rural Fire Authority has put a total fire ban in place from South Canterbury to Hurunui.

#### Road closures

- Cashmere Rd is closed between Hendersons Rd and Kaiwara St.
- Penruddock Rise is also closed at Cashmere Rd
- Worsleys Rd is closed at Cashmere Rd
- Hoon Hay Valley Rd is closed at Cashmere
- Kennedys Bush Road is closed at Cashmere Rd
- Sutherland Road is closed at Cashmere Rd
- Worsleys Track from Worlseys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road.
- Early Valley Road is closed at Old Tai Tapu Rd

From: raf manji [REDACTED]  
Sent: Thursday, 16 February 2017 10:01 p.m.  
To: Dalziel, Lianne  
Subject: Tweet by ChristchurchCDEM on Twitter

Can you check this tweet? When you click on it, the headline talks about evacuations...i think that's from last night. It's quite misleading compared to the update?



**ChristchurchCDEM (@CDEMCHCH)**

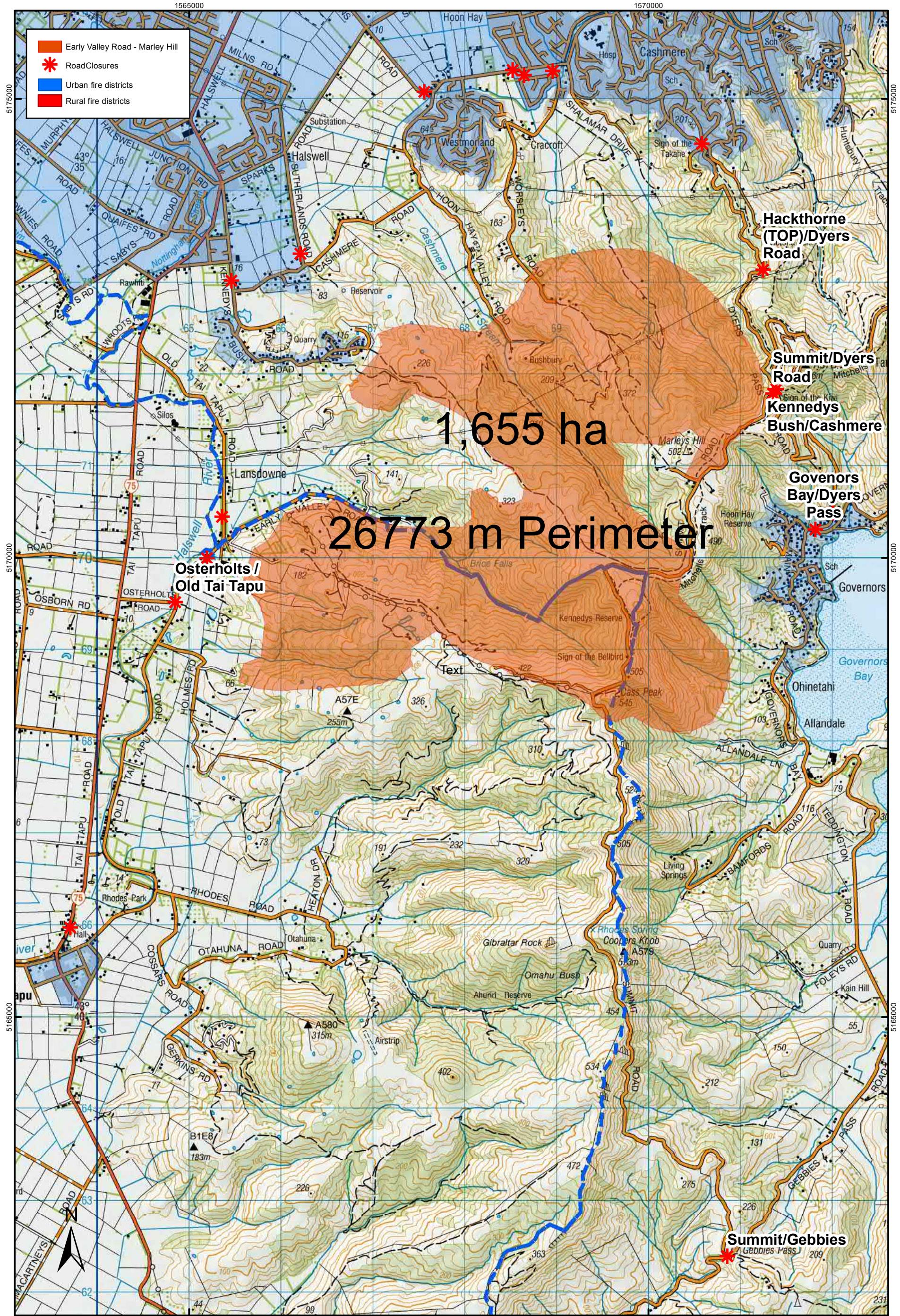
[16/02/17, 8:00 PM](#)

Offers of assistance have been received from the United States and Australia to support the Port Hills fire response:[bit.ly/2ksCcYD](http://bit.ly/2ksCcYD)

[Download](#) the Twitter app

Sent from my iPad





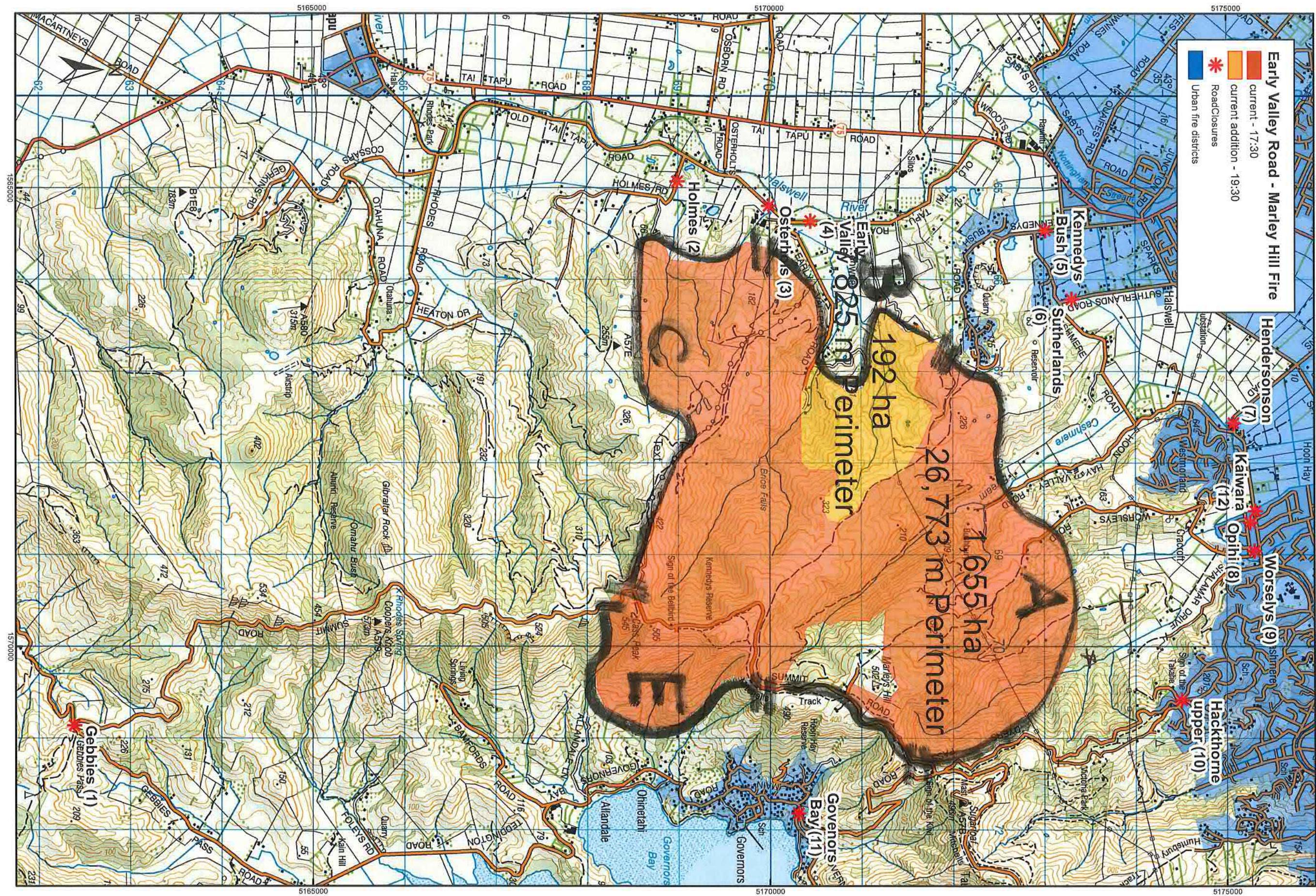
**Early Valley Road - Marley Hill Fire  
Wednesday, 15 February 2017 @ 1730**

1  
Kilometers

Early Valley Road - Marley Hill Fire  
ay, 15 February 2017 @ 1730 with 1930 update

Wednesday, 15 February 2017 @ 1730 with 1930 update

Kilometers



From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 10:28 p.m.  
To: EOC Public Information Management  
Subject: CORRECTION Port Hills fire update 10pm

## CORRECTION

The 10pm Port Hills fire contained an error in the number of people evacuated.

The correct number of evacuees is 400 houses and about 1000 people, although there is no way of knowing the full number of people displaced by the fire.

---

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 10:09 p.m.  
Subject: Port Hills fire update 10pm

Christchurch Civil Defence Update #16

Thursday 16 February 2017

Update on Port Hills Fire 10pm

Key points

- Fifteen crew from United States Coast Guard heavy icebreaker USCGC Polar Star are assisting
- Hercules expected to arrive in Christchurch on Friday from Australia with fire retardant
- The fire covers an area of 2075 hectares
- About 1000 people have been evacuated
- 11 people are staying at the welfare centre at Te Hapua Halswell Centre
- Cordon remain in place with police and Defence Force staff patrolling

Firefighters will use thermal-imaging technology and high-pressure hoses to manage hotspots within the Port Hills fire overnight.

Christchurch Civil Defence controller Dave Adamson said the nearly 400 firefighters working to control the blaze on Thursday had made good progress, helped in part by more favourable weather conditions.

"We have had significant fire breaks created with heavy machinery and the firefighting effort has targeted the perimeter. While there are still areas burning out of control, the fire is contained within the 2075 hectare area."

"What's encouraging is that the weather forecast looks promising for the next two days with high cloud, cooler temperatures and a chance of rain on Saturday. However, the situation remains volatile, as we've seen with some reported flare-ups, including one on Kennedy's Bush Road, so the cordon remain in place to ensure personal safety and security of property."

There are 11 people staying at the welfare centre at Te Hapua Halswell Centre.

Fifteen crew from the United States Coast Guard heavy icebreaker USCGC Polar Star are assisting police and the New Zealand Defence Force in the evacuated areas.

Another 31 police are due to arrive in Christchurch on Friday.

Orion reports that as at 7.45pm there were 126 customers still without power. Some supplies are expected to be restored overnight.

Media contact:



From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 10:09 p.m.  
Subject: Port Hills fire update 10pm

#### Christchurch Civil Defence Update #16

Thursday 16 February 2017

Update on Port Hills Fire 10pm

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#### Media contact:

[REDACTED]

From: Manji, Raf  
Sent: Thursday, 16 February 2017 10:30 p.m.  
To: EOC Public Information Management  
Cc: Dalziel, Lianne  
Subject: Re: CORRECTION Port Hills fire update 10pm

You have "2850 evacuated" on this page?

<https://www.ccc.govt.nz/the-council/newsline/show/1406>

Kind regards

Raf

Raf Manji  
Councillor for Waimairi,  
Christchurch City Council.

[REDACTED]

---

From: EOC Public Information Management <[eoc.pim@ccc.govt.nz](mailto:eoc.pim@ccc.govt.nz)>  
Sent: Thursday, February 16, 2017 10:28 PM  
Subject: CORRECTION Port Hills fire update 10pm  
To: EOC Public Information Management <[eoc.pim@ccc.govt.nz](mailto:eoc.pim@ccc.govt.nz)>

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Media contact:

[REDACTED]

| 1. Incident Name   | 2. Operational Period           | IAP COVER SHEET |
|--------------------|---------------------------------|-----------------|
| Port Hills Complex | Date 16/02/17<br>Time 0730-1930 |                 |

## INCIDENT ACTION PLAN

The items checked below are included in the incident Action Plan

- [SITUATION REPORT](#)
- [INCIDENT OBJECTIVES](#)
- [ORGANISATION LIST](#)
- [COMMUNICATIONS PLAN](#)
- [AIR OPERATIONS PLAN](#)
- [SAFETY PLAN](#)
- [SECTOR ASSIGNMENT](#)
- [MEDICAL PLAN](#)
- FIRE MAP
- WEATHER FORECAST
- FIRE GROUND ROADING PLAN
- 
- 
- 
- 

### 3. Approved by Incident Controller:

| Name      | Signed | Date/Time        |
|-----------|--------|------------------|
| Rob Hands |        | 15/02/17 2200hrs |

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| 1. Incident Name  |  | 2. Operational Period        |           | SITUATION REPORT       |  |  |
|---|--|------------------------------|-----------|------------------------|--|--|
| Port Hills Complex  |  | Date                         | 16/02/17  |                        |  |  |
|   |  | Time                         | 0730-1930 |                        |  |  |
| 3. Location   |  | 4. Vegetation                |           | 5. NZ Topo50 Grid Ref. |  |  |
| Rolleston EOC   |  | Scrub/Tussock/Grass/Forestry |           |                        |  |  |
| <b>6. Assessment</b>  |  |                              |           |                        |  |  |
| 2 significant fires located on the Port Hills between Sign of the Kiwi and Early Valley have compromised significant assets in both locations. Assets compromised include communication repeaters, electricity infrastructure, residential properties, the Christchurch Adventure Park, and significant recreation and ecological reserves.   |  |                              |           |                        |  |  |
| <p>There has been significant fire development during the afternoon and continuing into the evening on Wednesday. Estimated area of the fire is now in excess of 1850 hectares and still growing.</p> <p>Fire has crossed Dyers Pass Road below Sign of the Kiwi and is developing in Victoria Park without suppression efforts. It has also spread to within close proximity of the dense residential housing of Westmoreland.</p> |  |                              |           |                        |  |  |
| <p>Indications are that there have been a significant number of properties affected. At least 3 additional houses have been destroyed in the area of Worsleys Road.</p>   |  |                              |           |                        |  |  |
| <p>At 6.05pm on the 15<sup>th</sup> February a State of Local Emergency was declared for the Christchurch City Council and Selwyn District Council Areas. CDEM Group staff are co-locating with Christchurch City Council CDEM EOC.</p>   |  |                              |           |                        |  |  |
| <p>The Regional Incident Management Team (RIMT) for Rural Fire will remain located at the Selwyn District Council and they will continue to manage the fire response. A liaison officer from Canterbury CDEM Group will be located at the RIMT.</p>   |  |                              |           |                        |  |  |
| <p>NZ Police will manage the evacuation of people and Christchurch City Council will manage the welfare support for Christchurch City residents currently being evacuated. 40-50 strong combined Police and Military team patrolling tonight, and are ready to initiate evacuations.</p>  |  |                              |           |                        |  |  |
| <p>Road closures remain in place in the vicinity of both fires. Some closures likely to remain in place over next 24 hours, with extension of closures to popular mountain bike trails around Kennedys Bush in place.</p>   |  |                              |           |                        |  |  |
| <p>Ground crews are patrolling and monitoring the fireground overnight.</p>   |  |                              |           |                        |  |  |
| <b>7. Action taken</b>  |  |                              |           |                        |  |  |
| <p>Regional incident Management team remains in place and is working with resources in the field.</p>   |  |                              |           |                        |  |  |
| <p>Works during the day focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so.</p>  |  |                              |           |                        |  |  |
| <p>A number of evacuations have been undertaken as the fire has compromised properties in the Worsleys, Hoon Hay Valley and Kennedys Bush Roads. Plans have been prepared to extend evacuation cordons overnight if the need arises.</p>  |  |                              |           |                        |  |  |
| <p>Road closures have been extended.</p>  |  |                              |           |                        |  |  |
| <p>Welfare Centres have been opened at Halswell Library and Lincoln Event Centre and are being managed by Civil Defence.</p>  |  |                              |           |                        |  |  |
| <p>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17<sup>th</sup> February.</p>   |  |                              |           |                        |  |  |
| <p>Power authorities are working to maintain service.</p>   |  |                              |           |                        |  |  |

## **8. Factors**

Key factors are

- Extreme fire behaviour
- Multiple property evacuations
- Multiple assets of value either compromised or destroyed by fire
- Steep and dissected hill country posing difficulty with access
- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry
- Smoke reducing visibility
- Continued significant resource commitment in terms of personnel and equipment
- Limited water supplies close to the fire ground are being exhausted.
- Damage to power infrastructure
- Heavy traffic volumes with bystanders

## **9. Predicted Incident Development**

Potential for fires to continue to spread towards residential properties, with fresh easterly winds continuing. Fire east of Dyers Pass will continue to develop with no active suppression – reassessment will be required in the morning.

Incident Management Team is being escalated to support this complex, with support from multiple agencies. Road closures and suppression efforts will continue for at least the next couple of days.

**10. Prepared by:** Darrin Woods

**Date/Time** 15/02/17 2200hrs

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| 1. Incident Name  | 2. Operational Period                 | INCIDENT OBJECTIVES                 |
|---|---------------------------------------|-------------------------------------|
| Port Hills Complex  | Date<br>Time<br>16/02/17<br>0730-1930 |                                     |
| <b>3. Overall Incident Objectives</b>   |                                       |                                     |
| <p>To protect life by ensuring the safety of all personnel and the public.</p> <p>Provide asset protection to all identified values, where it is safe to do so.</p> <p>Contain, control and extinguish the fire with minimum disruption to community.</p>   |                                       |                                     |
| <b>4. Objectives for specified Operational Period</b>   |                                       |                                     |
| <p>Comprehensive assessment of the fireground to confirm taskings for crews and aircraft prior to deployment.</p> <p>Reestablish containment lines on all sectors. Priorities to be set by the IMT.</p> <p>Strengthen fire breaks around key structures as required.</p> <p>Crews supported by heavy machinery, tankers and aircraft will aggressively attack areas of the fire as prioritised.</p> |                                       |                                     |
| <b>5. Prepared by:</b> Rob Hands  |                                       | <b>Date/Time</b> 15/02/2017 2200hrs |

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| 1. Incident Name             |  | 2. Operational Period        |            | ORGANISATION LIST |       |
|------------------------------|--|------------------------------|------------|-------------------|-------|
| Port Hill Complex            |  | Date                         | 16/02/17   |                   |       |
| 3. Incident Control          |  | Phone                        | Cell Phone | Radio Ch          |       |
| Incident Controller          |  | Rob Hands                    |            |                   |       |
| Information Officer          |  | Stephen Hill                 | X760       |                   |       |
| Safety Officer               |  | Graeme Knight                |            |                   |       |
| Liaison Officer              |  |                              |            |                   |       |
| Fire Investigation           |  | Graeme Still                 |            |                   |       |
|                              |  |                              |            |                   |       |
| 4. Agency Representative     |  | Phone                        | Cell Phone | Radio Ch          |       |
| Lead Agency                  |  | SDC Douglas Marshall         |            |                   |       |
| Lead Agency                  |  | DOC Andy Thompson            |            |                   |       |
| 5. Planning/Intell Section   |  | Phone                        | Cell Phone | Radio Ch          |       |
| Planning/Intell Manager      |  | Darrin Woods                 | X763       |                   |       |
| Dept Planning/Intell Manager |  | Allan Grigg                  |            |                   |       |
| Management Support Unit      |  | Gavin Treadgold              |            |                   |       |
| Management Support Unit      |  | Christine Tatterson          |            |                   |       |
| Situation Unit               |  | Rodney Chambers              |            |                   |       |
| Advanced Planning Unit       |  | Tony Teeling                 |            |                   |       |
|                              |  | Terry O'Neil, Nathan Keoghan |            |                   |       |
| 6. Logistics Section         |  | Phone                        | Cell Phone | Radio Ch          |       |
| Logistics Manager            |  | Don Geddes                   | X764       |                   |       |
| Supply                       |  | Angela Chisnall              |            |                   |       |
| Finance Unit                 |  |                              |            |                   |       |
| Comms                        |  |                              |            |                   |       |
| 7. Operations Section        |  | Phone                        | Cell Phone | Radio Ch          |       |
| Operations Manager           |  | Bruce Janes (Trevor Tidey)   |            |                   | 7     |
| Deputy Operations Manager    |  | Brian Keown                  |            |                   |       |
| Air Attack Supervisor        |  | Richard Macnamara            |            |                   | Fire4 |
| Air Support Supervisor       |  | Atila deOliveria             |            |                   | Fire4 |
| Air Support Supervisor       |  | Dean Turner                  |            |                   | Fire4 |
| Ground Support               |  |                              |            |                   |       |
| 8. Prepared by:              |  | Date/Time 15/2/17 / 2200hrs  |            |                   |       |

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| <b>1. Incident Name</b><br>Port Hills Complex – ALPHA Marleys |                 | <b>2. Operational Period</b><br>Date 16/02/17<br>Time 0730-1930 |                  | <b>COMMUNICATIONS PLAN</b>    |
|---|-----------------|---|------------------|-------------------------------|
| <b>3. Radio Channels</b>                                      |                 |   |                  |                               |
| <b>Assigned To</b>  | <b>Function</b> | <b>Channel</b>  | <b>Frequency</b> | <b>System</b>                 |
| IMT   | Command         | ESB164  |                  |                               |
| Air   | Air Support     | FIRE4   |                  |                               |
| Alpha Marleys   | Crews           | FIRE2   |                  |                               |
| Bravo Early Valley  | Crews           | FIRE3   |                  |                               |
| Charlie Early Valley  | Crews           | FIRE3   |                  |                               |
| Echo Governors Bay  | NZFS Crew       | FIRE1   |                  |                               |
|   |                 |   |                  |                               |
|   |                 |   |                  |                               |
|   |                 |   |                  |                               |
| <b>4. Telephone</b>   |                 |   |                  |                               |
| <b>Assigned To</b>  | <b>Landline</b> | <b>Cellphone</b>  | <b>Fax</b>       | <b>Comments</b>               |
| Kirsty Percasky   |                 | [REDACTED]  |                  | SFP Sign of Kiwi              |
| Sarah Ensor   |                 | [REDACTED]  |                  | SFP Sign of Kiwi              |
| Colleen Cooper  |                 | [REDACTED]  |                  | SFP Sign of Kiwi              |
| Rachel Pelvin   |                 |   |                  | SA Marleys                    |
| Sasha Roselli   |                 |   |                  | SA Marleys                    |
|   |                 |   |                  |                               |
| <b>6. Other (eg email, Satphone, etc)</b>                     |                 |   |                  |                               |
|   |                 |   |                  |                               |
|   |                 |   |                  |                               |
| <b>7. Prepared by:</b>  | Don Geddes      |   |                  | <b>Date/Time</b> 15/02/2017 / |

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| <b>1. Incident Name</b><br>Port Hills Complex – Sector Delta   |                       | <b>2. Operational Period</b><br>Date 16/02/17<br>Time 0730-1930 |                               | <b>AIR OPERATIONS PLAN</b> |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|--|-----------------------|---|-------------------------------|----------------------------|----------------------|------------------------|------------------|------------------------------------|----------------------|------------------------------|-----------------------|-------------------|-----------------------|------------|-------------------------------|------------------------|----------------------|-----------|------------------|-------|-----------------------------|-------|--|--|------------------|--|-----------------------------|-------|--|--|----------|-----|--|-------|--|--|----------|-----|--|-------|--|--|-------|--|--------------|-------|--|--|-------|-----|--|-------|--|--|-------|-----|--|-------|--|--|----------|-----|--|-------|--|--|----------|-----|--|-------|--|--|----------|-----|--|-------|--|--|-------|-----|--|-------|--|--|--------------|-----|---------|-------|--|--|--------------|-----|---------|-------|--|
| <b>3. Personnel and Communications</b><br><table><thead><tr><th>Position</th><th>Name</th><th>Affiliation</th><th>Phone</th><th>Radio Chan</th></tr></thead><tbody><tr><td>Air Attack Supervisor</td><td>Richard Macnamara</td><td>MKRFA</td><td>[REDACTED]</td><td>FIRE4</td></tr><tr><td>Air Support Supervisor</td><td>Atila deOliveria</td><td>Buller DC</td><td>[REDACTED]</td><td>FIRE4</td></tr></tbody></table>  |                       |   |                               |                            |                      | Position               | Name             | Affiliation                        | Phone                | Radio Chan                   | Air Attack Supervisor | Richard Macnamara | MKRFA                 | [REDACTED] | FIRE4                         | Air Support Supervisor | Atila deOliveria     | Buller DC | [REDACTED]       | FIRE4 |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| Position   | Name                  | Affiliation   | Phone                         | Radio Chan                 |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| Air Attack Supervisor  | Richard Macnamara     | MKRFA   | [REDACTED]                    | FIRE4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| Air Support Supervisor   | Atila deOliveria      | Buller DC   | [REDACTED]                    | FIRE4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| <b>4. Air Resource Assignments</b><br><table><thead><tr><th>Pilot Name/<br/>Company</th><th>Aircraft<br/>Type</th><th>Reg or<br/>Callsign</th><th>Assignment</th><th>Tactical<br/>Freq/<br/>Chan</th><th>Telephone<br/>Numbers</th></tr></thead><tbody><tr><td></td><td>Cressco<br/>Fixed Wing</td><td>TB</td><td>Chch International<br/>Airport</td><td>Fire4</td><td>Onboard:<br/>Company:</td></tr><tr><td></td><td>Fixed wing<br/>x1</td><td></td><td>Retardant/<br/>Water Bombing</td><td>Fire4</td><td></td></tr><tr><td></td><td>Fixed wing<br/>x1</td><td></td><td>Retardant/<br/>Water Bombing</td><td>Fire4</td><td></td></tr><tr><td></td><td>Squirrel</td><td>HUQ</td><td></td><td>Fire4</td><td></td></tr><tr><td></td><td>Squirrel</td><td>HOQ</td><td></td><td>Fire4</td><td></td></tr><tr><td></td><td>Cabri</td><td></td><td>GPS Plotting</td><td>Fire4</td><td></td></tr><tr><td></td><td>BK117</td><td>HJU</td><td></td><td>Fire4</td><td></td></tr><tr><td></td><td>EC120</td><td>HTV</td><td></td><td>Fire4</td><td></td></tr><tr><td></td><td>Squirrel</td><td>HPQ</td><td></td><td>Fire4</td><td></td></tr><tr><td></td><td>Squirrel</td><td>HDQ</td><td></td><td>Fire4</td><td></td></tr><tr><td></td><td>Squirrel</td><td>IBC</td><td></td><td>Fire4</td><td></td></tr><tr><td></td><td>BK117</td><td>HGU</td><td></td><td>Fire4</td><td></td></tr><tr><td></td><td>Iroquois UH1</td><td>HHB</td><td>Gov Bay</td><td>Fire4</td><td></td></tr><tr><td></td><td>Iroquois UH1</td><td>HHF</td><td>Gov Bay</td><td>Fire4</td><td></td></tr></tbody></table> |                       |   |                               |                            |                      | Pilot Name/<br>Company | Aircraft<br>Type | Reg or<br>Callsign                 | Assignment           | Tactical<br>Freq/<br>Chan    | Telephone<br>Numbers  |                   | Cressco<br>Fixed Wing | TB         | Chch International<br>Airport | Fire4                  | Onboard:<br>Company: |           | Fixed wing<br>x1 |       | Retardant/<br>Water Bombing | Fire4 |  |  | Fixed wing<br>x1 |  | Retardant/<br>Water Bombing | Fire4 |  |  | Squirrel | HUQ |  | Fire4 |  |  | Squirrel | HOQ |  | Fire4 |  |  | Cabri |  | GPS Plotting | Fire4 |  |  | BK117 | HJU |  | Fire4 |  |  | EC120 | HTV |  | Fire4 |  |  | Squirrel | HPQ |  | Fire4 |  |  | Squirrel | HDQ |  | Fire4 |  |  | Squirrel | IBC |  | Fire4 |  |  | BK117 | HGU |  | Fire4 |  |  | Iroquois UH1 | HHB | Gov Bay | Fire4 |  |  | Iroquois UH1 | HHF | Gov Bay | Fire4 |  |
| Pilot Name/<br>Company   | Aircraft<br>Type      | Reg or<br>Callsign  | Assignment                    | Tactical<br>Freq/<br>Chan  | Telephone<br>Numbers |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Cressco<br>Fixed Wing | TB  | Chch International<br>Airport | Fire4                      | Onboard:<br>Company: |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Fixed wing<br>x1      |   | Retardant/<br>Water Bombing   | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Fixed wing<br>x1      |   | Retardant/<br>Water Bombing   | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Squirrel              | HUQ   |                               | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Squirrel              | HOQ   |                               | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Cabri                 |   | GPS Plotting                  | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | BK117                 | HJU   |                               | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | EC120                 | HTV   |                               | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Squirrel              | HPQ   |                               | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Squirrel              | HDQ   |                               | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Squirrel              | IBC   |                               | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | BK117                 | HGU   |                               | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Iroquois UH1          | HHB   | Gov Bay                       | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
|  | Iroquois UH1          | HHF   | Gov Bay                       | Fire4                      |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| <b>5. Location of Filling Points/Service Areas</b><br><table><thead><tr><th>Name</th><th>Grid Reference</th></tr></thead><tbody><tr><td>Christchurch International Airport</td><td>Grays Road, Harewood</td></tr><tr><td>Old Tai Tapu Road (Helibase)</td><td></td></tr></tbody></table>   |                       |   |                               |                            |                      | Name                   | Grid Reference   | Christchurch International Airport | Grays Road, Harewood | Old Tai Tapu Road (Helibase) |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| Name   | Grid Reference        |   |                               |                            |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| Christchurch International Airport   | Grays Road, Harewood  |   |                               |                            |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| Old Tai Tapu Road (Helibase)   |                       |   |                               |                            |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| <b>6. Safety Notes / Hazards / Radio Coverage Limitations</b><br>NOTAM in place<br>Aviation Security at Christchurch Airport   |                       |   |                               |                            |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| <b>7. Air Operations Special Equip or Service</b><br>Garden City 10K Jet A1 tanker<br>ChCh Heli x5<br>NZFSC Lincoln x5<br>Mt Hutt x1 caravan<br>Beck x 2   |                       |   |                               |                            |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |
| <b>8. Prepared By:</b> Don Geddes  |                       |   | <b>Date/Time</b> 15/02/2017 / |                            |                      |                        |                  |                                    |                      |                              |                       |                   |                       |            |                               |                        |                      |           |                  |       |                             |       |  |  |                  |  |                             |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |  |              |       |  |  |       |     |  |       |  |  |       |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |          |     |  |       |  |  |       |     |  |       |  |  |              |     |         |       |  |  |              |     |         |       |  |

|                         |                                 |                    |
|-------------------------|---------------------------------|--------------------|
| <b>1. Incident Name</b> | <b>2. Operational Period</b>    | <b>SAFETY PLAN</b> |
| Port Hills Complex      | Date 16/02/17<br>Time 0730-1930 |                    |

### 3. General Safety Points

**Extreme fire behaviour**

**Extreme caution as smoke will compromise visibility at times.**

| ACES  | Fire Orders   | Watchouts   |
|---|---|---|
| <b>L</b> - Lookout(s)<br><b>A</b> – Anchor Point(s)<br><b>C</b> – Communication(s)<br><b>E</b> – Escape Route(s)<br><b>S</b> – Safety Zone(s) | <ol style="list-style-type: none"> <li>1. Fight fire aggressively but provide for safety first.</li> <li>2. Initiate all action based upon current and expected fire behaviour.</li> <li>3. Recognise current weather conditions and obtain forecasts.</li> <li>4. Ensure instructions are given and understood.</li> <li>5. Obtain current information on fire status.</li> <li>6. Remain in Communication with crew members, your supervisor and adjoining forces.</li> <li>7. Determine safety zones and escape routes.</li> <li>8. Establish lookouts in potentially hazardous situations.</li> <li>9. Retain control at all times.</li> <li>10. Stay alert, keep calm, think clearly, act decisively.</li> </ol> | <ol style="list-style-type: none"> <li>1. Fire not scouted and sized up.</li> <li>2. In country not seen in daylight.</li> <li>3. Safety zones and escape routes not identified.</li> <li>4. Unfamiliar with weather and local factors influencing fire behaviour.</li> <li>5. Uninformed on strategy, tactics and hazards.</li> <li>6. Instructions and assignments not clear.</li> <li>7. No communications link with crew members or supervisor.</li> <li>8. Constructing fireline without safe anchor point.</li> <li>9. Constructing fireline downhill with fire below.</li> <li>10. Attempting frontal assault on fire.</li> <li>11. Unburned fuel between you and the fire.</li> <li>12. Cannot see main fire, not in contact with anyone who can.</li> <li>13. On hillside where rolling material can ignite fuel below.</li> <li>14. Weather is getting hotter and drier.</li> <li>15. Wind increases and/or changes direction.</li> <li>16. Getting frequent spot fires across the line.</li> <li>17. Terrain and fuels make escape to safety zones difficult.</li> <li>18. Taking a nap near the fire line.</li> </ol> |

### 4. Specific Safety Points

- Off and on highway – speed limit of 30km, headlights on
  - Competent four wheel drivers for off road
  - Power lines/poles/pylons within the fire ground have been burnt but haven't been assessed as yet.
- MAINTAIN SAFE DISTANCE FROM THESE STRUCTURES FIRE GROUND WILL BECOME SLIPPERY IF SHOWERS OCCUR**
- Maintain hydration and nutrition levels
  - Wasps and bees present
  - Dust and smoke inhalation
  - Steep terrain – potential rockfalls, bluffs present
  - Report all accidents and near misses
  - Sun exposure/hypothermia
  - Aircraft movements around heli operations and water bombing
  - Heavy machinery operations

**5. Prepared By:** Graeme Knight

**Date/Time** 15/2/2017 /

| <b>1. Incident Name</b><br>Port Hill Complex  |                                  | <b>2. Operational Period</b><br>Date 16/02/17<br>Time 0730-1930 |   | <b>SECTOR<br/>ASSIGNMENT</b>   |                              |
|---|----------------------------------|---|---|--------------------------------|------------------------------|
| <b>3. Sector</b><br>Alpha   | <b>4. Description</b><br>Marleys |   |   | <b>5. Division Assigned</b>    |                              |
| <b>6. Sector Supervisor</b><br>Brian Taylor   |                                  | <b>Affiliation</b><br>DOC                                       |   | <b>Phone</b><br>0272297735     | <b>Radio Ch</b><br>FIRE2     |
| <b>7. Resources Assigned this period</b>  |                                  |   |   |                                |                              |
| <b>Resource/Crew</b>  | <b>Leader</b>                    | <b># Persons</b>  | <b>Transp<br/>ort<br/>Requir<br/>ed</b> | <b>Drop-off<br/>Point/time</b> | <b>Pickup<br/>Point/time</b> |
| CCL   |                                  | 4   |   |                                |                              |
| CCL   |                                  | 4   |   |                                |                              |
| CCL   |                                  | 4   |   |                                |                              |
| HCFT  |                                  | 5   |   |                                |                              |
| NZRT12  |                                  | 8   |   |                                |                              |
| MSCRFA  |                                  | 5   |   |                                |                              |
| MSCRFA  |                                  | 6   |   |                                |                              |
| DOC Otago   |                                  | 4   |   |                                |                              |
| DOC Canterbury  |                                  | 4   |   |                                |                              |
| DOC Aoraki  |                                  | 5   |   |                                |                              |
| 5 Helicopters   |                                  |   |   |                                |                              |
| Fixed wing as required  |                                  |   |   |                                |                              |
| <b>8. Sector Assignment / Special Instructions</b>  |                                  |   |   |                                |                              |
| Protect life and property.<br>Strengthen containment lines.<br>Run hose lines.<br>Direct attack where required. |                                  |   |   |                                |                              |
| <b>9. Sector Communications</b>   |                                  | <b>Phone</b>  | <b>Radio Ch</b>                         |                                |                              |
| Air Attack Supervisor   | Richard Macnamara                |   | FIRE4                                   |                                |                              |
| Safety Officer  | Steve Oshner                     | 0274740163  |   |                                |                              |
| <b>10. Prepared By:</b>   | Date/Time 15/02/2017 /           |   |   |                                |                              |

U

| <b>1. Incident Name</b><br>Port Hill Complex   |  | <b>2. Operational Period</b><br>Date 16/02/17<br>Time 0730-1930 |                           | <b>SECTOR ASSIGNMENT</b>    |                          |
|--|--|---|---------------------------|-----------------------------|--------------------------|
| <b>3. Sector</b><br>Bravo  | <b>4. Description</b><br>Early Valley Left Flank |   |                           | <b>5. Division Assigned</b> |                          |
| <b>6. Sector Supervisor</b><br>Al Hutt   |  | <b>Affiliation</b><br>SDC                                       |                           | <b>Phone</b>                | <b>Radio Ch</b><br>IRE3  |
| <b>7. Resources Assigned this period</b>   |  |   |                           |                             |                          |
| <b>Resource/Crew</b>   | <b>Leader</b>                                    | <b># Persons</b>  | <b>Transport Required</b> | <b>Drop-off Point/time</b>  | <b>Pickup Point/time</b> |
| 3 Helicopters  |  |   |                           |                             |                          |
| Fixed wing as required   |  |   |                           |                             |                          |
| Sefton   |  | 3   |                           |                             |                          |
| Makeriri Silvi   |  | 4   |                           |                             |                          |
| Darfield   |  | 13  |                           |                             |                          |
| HEB  |  | 3   |                           |                             |                          |
| Mayfield   |  | 4   |                           |                             |                          |
| Alford Forest  |  | 5   |                           |                             |                          |
|  |  |   |                           |                             |                          |
| <b>8. Sector Assignment / Special Instructions</b>   |  |   |                           |                             |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Run hose lines.<br>Direct attack as required. |  |   |                           |                             |                          |
| <b>9. Sector Communications</b>  |  |   |                           | <b>Phone</b>                | <b>Radio Ch</b>          |
| Air Support Supervisor   | Atila deOliveria                                 |   |                           |                             | Fire4                    |
| Safety Officer   | Graeme Knight                                    |   |                           |                             |                          |
| <b>10. Prepared By:</b>  |  | Date/Time 15/02/2017 /  |                           |                             |                          |

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| <b>1. Incident Name</b><br>Port Hill Complex   |                                      | <b>2. Operational Period</b><br>Date 16/02/17<br>Time 0730-1930 |                             | <b>SECTOR ASSIGNMENT</b>   |                          |
|--|--------------------------------------|---|-----------------------------|----------------------------|--------------------------|
| <b>3. Sector</b><br>Charlie  | <b>4. Description</b><br>Holmes Road |   | <b>5. Division Assigned</b> |                            |                          |
| <b>6. Sector Supervisor</b><br>Dale Wilhelm  |                                      | <b>Affiliation</b><br>CCL                                       | <b>Phone</b><br>[REDACTED]  | <b>Radio Ch</b><br>FIRE3   |                          |
| <b>7. Resources Assigned this period</b>   |                                      |   |                             |                            |                          |
| <b>Resource/Crew</b>   | <b>Leader</b>                        | <b># Persons</b>  | <b>Transport Required</b>   | <b>Drop-off Point/time</b> | <b>Pickup Point/time</b> |
| 2 Helicopters  |                                      |   |                             |                            |                          |
| 1 Fixed wing as required   |                                      |   |                             |                            |                          |
| Makeriri Silvi   |                                      | 4   |                             |                            |                          |
| Hanmer   |                                      | 6   |                             |                            |                          |
| Hawarden/Waikari   |                                      | 6   |                             |                            |                          |
| HCFT   |                                      | 4   |                             |                            |                          |
|  |                                      |   |                             |                            |                          |
| <b>8. Sector Assignment / Special Instructions</b>   |                                      |   |                             |                            |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Run hose lines as required.<br>Direct attack as required. |                                      |   |                             |                            |                          |
| <b>9. Sector Communications</b>  |                                      | <b>Phone</b>  | <b>Radio Ch</b>             |                            |                          |
| Air Support Supervisor   | Atila deOliveria                     | [REDACTED]  | Fire4                       |                            |                          |
| Safety Officer   | Graeme Knight                        | [REDACTED]  |                             |                            |                          |
| <b>10. Prepared By:</b>  |                                      | Date/Time 15/02/2017 /  |                             |                            |                          |

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| <b>1. Incident Name</b>  |                       | <b>2. Operational Period</b> |                           | <b>SECTOR<br/>ASSIGNMENT</b> |                          |
|--|-----------------------|------------------------------|---------------------------|------------------------------|--------------------------|
| Port Hill Complex  |                       | Date<br>Time                 | 16/02/17<br>0730-1930     |                              |                          |
| <b>3. Sector</b>   | <b>4. Description</b> |                              |                           | <b>5. Division Assigned</b>  |                          |
| Echo   | Governors Bay         |                              |                           |                              |                          |
| <b>6. Sector Supervisor</b>  |                       | <i>Affiliation</i>           | <i>Phone</i>              | <i>Radio Ch</i>              |                          |
| Des Irving   |                       | NZFS                         | [REDACTED]                | FIRE1                        |                          |
| <b>7. Resources Assigned this period</b>   |                       |                              |                           |                              |                          |
| <i>Resource/Crew</i>   | <i>Leader</i>         | <i># Persons</i>             | <i>Transport Required</i> | <i>Drop-off Point/time</i>   | <i>Pickup Point/time</i> |
| 2 Helicopters (Iriquois)   |                       |                              |                           |                              |                          |
| 1 Fixed wing as required   |                       |                              |                           |                              |                          |
| NZFS Crews   |                       |                              |                           |                              |                          |
|  |                       |                              |                           |                              |                          |
|  |                       |                              |                           |                              |                          |
|  |                       |                              |                           |                              |                          |
|  |                       |                              |                           |                              |                          |
| <b>8. Sector Assignment / Special Instructions</b>   |                       |                              |                           |                              |                          |
| Protect life and property.<br>Strengthen containment lines.<br>Run hose lines as required.<br>Direct attack as required. |                       |                              |                           |                              |                          |
| <b>9. Sector Communications</b>  |                       | <i>Phone</i>                 | <i>Radio Ch</i>           |                              |                          |
| Air Support Supervisor   | Atila deOliveria      |                              | [REDACTED]                | Fire4                        |                          |
| Safety Officer   | Graeme Knight         |                              | [REDACTED]                |                              |                          |
| <b>10. Prepared By:</b>  |                       | Date/Time 15/02/2017 /       |                           |                              |                          |

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|   |  |   |                            |  |                  |                 |  |
|---|--|---|----------------------------|--|------------------|-----------------|--|
| <b>1. Incident Name</b><br>Port Hills Complex |  | <b>2. Operational Period</b><br>Date 16/02/17<br>Time 0730-1930 |                            | <b>MEDICAL PLAN</b>                        |                  |                 |  |
| <b>3. First Aid Station</b><br><b>Name</b>    |  | <b>Location</b>   | <b>Phone/Radio Channel</b> | <b>Paramedics available at Station</b>     |                  |                 |  |
| Les Hiscock                                   |  | Safe Forward Point  | [REDACTED]                 | PHEC 0630 - 1700                           |                  |                 |  |
| Grant Cosslett                                |  | Safe Forward Point  | [REDACTED]                 | PHEC 0630 - 1700                           |                  |                 |  |
| Rob   |  | Safe Forward Point  | [REDACTED]                 | PHEC 1700 - 2130                           |                  |                 |  |
| Doug  |  | Safe Forward Point  | [REDACTED]                 | PHEC 1700 - 2130                           |                  |                 |  |
| <b>4. Transportation Ambulance Service</b>    |  | <b>Address</b>  | <b>Phone/Radio Channel</b> | <b>Paramedics available with Ambulance</b> |                  |                 |  |
| Westpac Rescue Helo                           |  | 515 Memorial Ave  | 03 358 244                 |  |                  |                 |  |
| <b>5. Hospitals</b>                           |  |   |                            |  |                  |                 |  |
| <b>Hospital Name</b>                          |  | <b>Address</b>  | <b>Phone</b>               | <b>Travel Time</b>                         | <b>Burn Unit</b> | <b>Heli Pad</b> |  |
| Christchurch Public Hospital                  |  | Hagley Park   | 03 264 0640                | 1 hr                                       | 20 min           |                 |  |
| Burwood Hospital                              |  | 300 Burwood Road  | 03 383 6836                | 1.5 hr                                     | 30 min           |                 |  |
| CDHB EMO Jenny Ewing                          |  | [REDACTED]  |                            |  |                  |                 |  |
| CDHB HPO Matt Willoughby                      |  | [REDACTED]  |                            |  |                  |                 |  |
| <b>6. Special Emergency Procedures</b>        |  |   |                            |  |                  |                 |  |
| <b>7. Prepared By:</b>                        |  | Don Geddes  |                            | Date/Time 15/02/17 /                       |                  |                 |  |
| <b>8. Reviewed by Safety Officer:</b>         |  | Graeme Knight   |                            | Date/Time 15/02/17 /                       |                  |                 |  |

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FIRE BEHAVIOUR FORECAST NO: 1

FIRE NAME: PORT HILLS COMPLEX

PREDICTION PERIOD: Tuesday 14<sup>th</sup> 1500 to Wednesday 15<sup>th</sup> 1800, February 2017

Area: Port Hills Complex, Early Valley and Marley's Hill (Summit Road), Canterbury

Time & Date Forecast Issued: 1500, Feb 14th, 2017

R.Chambers: Fire Behaviour Officer

Weather Summary:

Moderate north-westerlies with possible light southerly change for a few hours mid-Tuesday afternoon. Then turning North-northeast into the evening. Light westerly early Wednesday and then strengthen north-easterly from midday. Overnight low of 8C, RH recovery to 60%. Wednesday maximum 22C and RH low of 25%.

Fire Behaviour General:

The fire ground covers a range of fuel types including cured ungrazed grasses and tussock lands, dense scrub and gorse, regenerating native bush and exotic forest plantations. The fire area encompasses multiple valley systems and ridge lines which include complex and steep terrain, and varying aspects.

Areas of active fire growth with back burning and flare ups are being observed. Rates of spread are slower under forest types while highest in scrub and grass fuels.

Potential exists for flare ups and increases in fire activity due to heavy pine plantation fuel types at both the Marley's Hill and Early Valley fires. The Early Valley fire is also burning in heavy scrub fuels with slopes of approximately 20% which has the potential for rapid upslope runs with rates of spread of around 2-4km/hr in gorse and 1-2km/hr in regenerating native bush. Flame lengths would be in excess of 10m.

Fire behaviour should ease overnight but expect a deterioration in conditions from midday onwards with the potential for extreme fire behaviour conditions developing again during the later afternoon.

FFMCs in the high 80s rising again to 90+ tomorrow mean fine fuels are vulnerable to easy ignition. The BUI (90+) and DC of 500 indicates large amounts of fuel available for combustion and deep seated burning in heavy fuels.

Pressure Points

- 1) The head of the Cashmere Stream: the flanking fire has the potential to cross the valley and run upslope to Worsley Spur and Marleys Hill, threatening properties and assets.
- 2) The two slop-over's across the Summit Road: these backing fires have the potential to spread rapidly down slope under favourable wind conditions threatening Governors Bay and Allandale.
- 3) The plantation sector of the southern flank of the Early Valley fire: the potential exists under fresh NE winds to spread towards the Holmes Valley area.
- 4) Forested sector of the Marleys Hill fire: also has the potential to flare-up and breach containment with strengthening winds.

Safety Considerations:

Tomorrow RH will again drop below 30%. Winds becoming variable and gusty with NW of 20-30km/hr and later becoming NE winds of 30km/hr. Fire spread will become erratic with flanks becoming head fires and threatening ground crews.

Potential exists for backing fires to become fast spreading, high intensity upslope runs with aspect and fuel changes.

Steep terrain requires awareness of rock fall hazard and rapid rates of spread which may be hazardous to ground staff.

Smoke conditions may interfere with aircraft operations during both early morning and changeable winds and slope enhanced fire activity. Smoke may also pose a health hazard to fire fighters and public.

High intensity runs producing ember transport have the potential to breach fire breaks such as roads and bare earth control lines and threaten properties. Uncontained sections of the perimeter also have the potential to continue perimeter growth.

# **Port Hills Complex - Fire Behaviour Estimates**

Prepared: Tue. 14<sup>th</sup> February 2017, 1500 hrs

Fuel types include: Cured grass, tussock, gorse and regenerating native scrub, mixed age exotic plantations.

Fire behaviour calculations based on mid-afternoon weather and FWI conditions, 14 Feb. 2017

Wind speed: 25 km/h average

Noon FFMC: 90.5, Hourly FFMC (1500h): 90.0, Hourly ISI: 15.0, BUI: 92

Slopes: range from flat to 30+ deg, average 20 deg

Upslope SCF: 2.8, Downslope SCF: 0.3

## **Gorse (1.5-2.0 m tall):**

|                       |               |                 |                  |         |
|-----------------------|---------------|-----------------|------------------|---------|
| Flat:                 | ROS 3370 m/h, | AFL 25-30 t/ha, | HFI 51,000 kW/m, | FL 11 m |
| 20 deg upslope:       | 8650 m/h,     |                 | 150,000 kW/m,    | 19 m    |
| 20 deg downslope<br>m | 840 m/h,      |                 | 15,000 kW/m,     | 6.5     |

## **Hardwood Scrub (2.0 m tall):**

|                       |               |              |                  |        |
|-----------------------|---------------|--------------|------------------|--------|
| Flat:                 | ROS 1685 m/h, | AFL 15 t/ha, | HFI 12,500 kW/m, | FL 6 m |
| 20 deg upslope:       | 4330 m/h,     |              | 32,000 kW/m,     | 9 m    |
| 20 deg downslope<br>m | 420 m/h,      |              | 3100 kW/m,       | 3.1    |

## **Immature Pine Plantation (11-20 y.o.):**

|                  |              |              |                |        |
|------------------|--------------|--------------|----------------|--------|
| Flat:            | ROS 652 m/h, | AFL 25 t/ha, | HFI 8100 kW/m, | FL 5 m |
| 20 deg upslope:  | 1863 m/h,    |              | 23,000 kW/m,   | 8 m    |
| 20 deg downslope | 163 m/h,     |              | 2000 kW/m,     | 2.6 m  |

## **Grass (100% cured, 0.3m tall & 80% cover):**

|                  |               |               |                |        |
|------------------|---------------|---------------|----------------|--------|
| Flat:            | ROS 3275 m/h, | AFL 4.9 t/ha, | HFI 8100 kW/m, | FL 5 m |
| 20 deg upslope:  | 9360 m/h,     |               | 23,000 kW/m,   | 8 m    |
| 20 deg downslope | 820 m/h,      |               | 2000 kW/m,     | 2.6 m  |

## **Firebreak construction along Cashmere Stream flank:**

Approx.. 3 km break required

Estimated construction rate for dozer: 1500 m/h

So, estimated 2-3 hours to complete break

Fire could take 30-60 mins to spread 200-400 m to track from estimated flank location

## **Downslope fire spread towards Governors Bay:**

Approx.downslope -17 deg (rise 300 m over 1000 m run)

Downslope fire behaviour in gorse: estimated 1059 m/h, 30 t/ha, 16,000 kW/m, 6.7 m FL

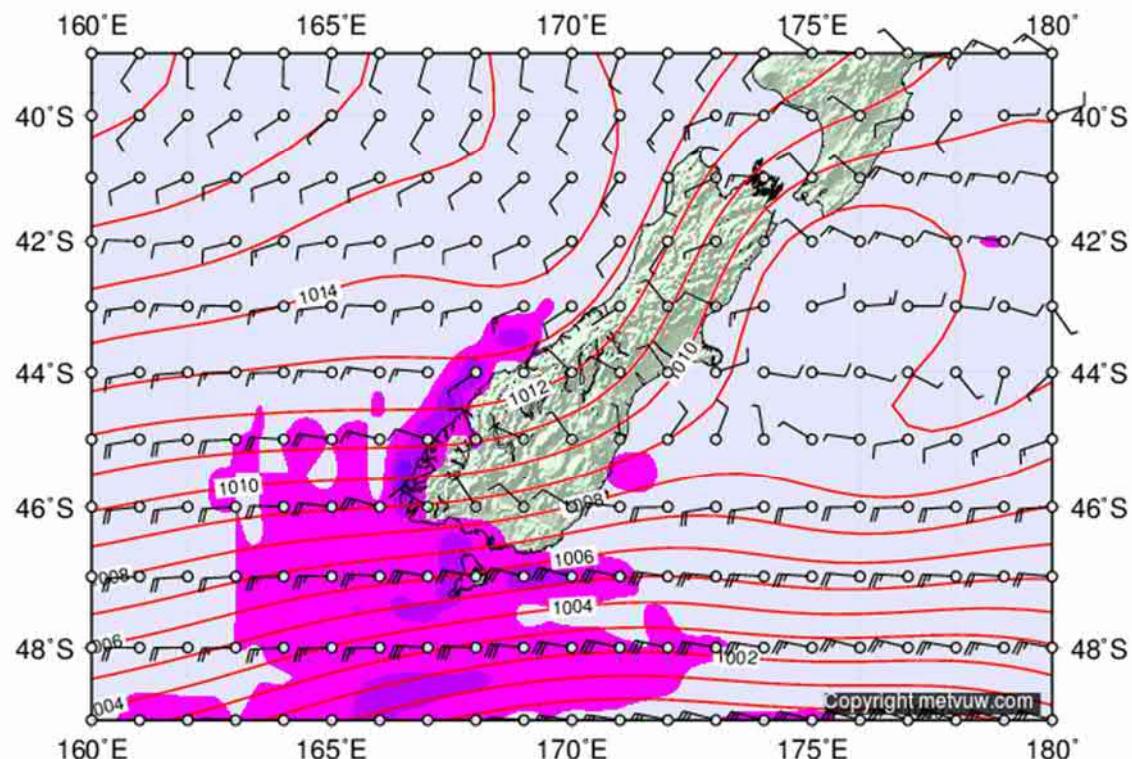
Downslope fire behaviour in hardwood scrub: 530 m/h, 14 t/ha, 3640 kW/m, 3.4 m FL

So, estimated time to travel 1 km downslope run: 1-2 hrs

18-hr forecast of MSLP (hPa), surface wind (kts) and 6-hr accumulated rainfall (mm)

Valid for:- 0100 NZDT Wednesday 15 February 2017

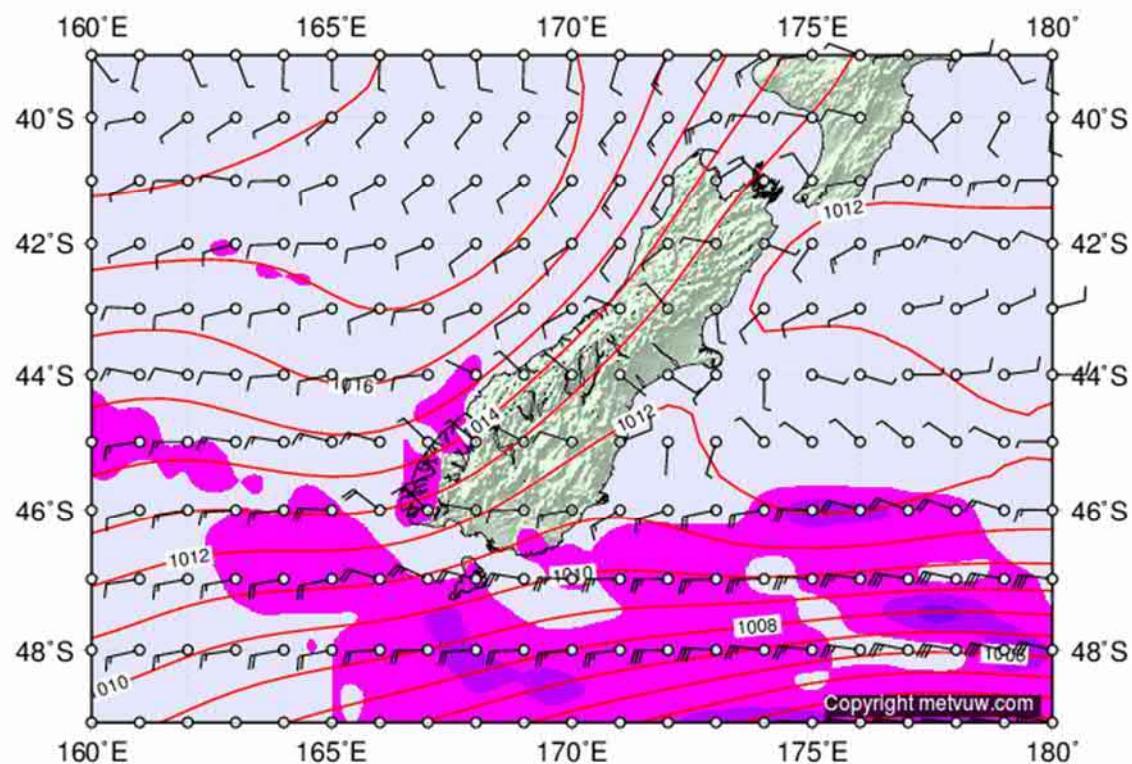
Forecasts issued at:- 0700 NZDT Tue 14 Feb 2017 (1800 GMT Mon 13 Feb 2017)



30-hr forecast of MSLP (hPa), surface wind (kts) and 6-hr accumulated rainfall (mm)

Valid for:- 1300 NZDT Wednesday 15 February 2017

Forecasts issued at:- 0700 NZDT Tue 14 Feb 2017 (1800 GMT Mon 13 Feb 2017)



Plotted by James McGregor

F

From: EOC Public Information Management  
Sent: Thursday, 16 February 2017 11:33 p.m.  
Subject: Port Hills fire update 11.30pm

Good evening,

Please see information below about the firefighting effort tonight.

Rural fire will have three crews with 15 staff operating through the night. NZ Fire Service will have three crews and three tankers, with 21 firefighters operating. The focus of efforts will be on patrolling and monitoring. Additional crews will be on standby in case of any further flare-ups.

The Christchurch EOC will be operating overnight.

[REDACTED]

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 6:35 a.m.  
Subject: Christchurch Civil Defence Update - 6.25am

Christchurch Civil Defence Update #17

Thursday 17 February 2017,

Update on Port Hills fires -6.25am.

Slightly cooler weather conditions and higher humidity with some light rain having fallen early this morning is welcome relief for emergency services fighting the Port Hills fire in Christchurch..

It has been a quiet night with a few minor flare ups contained by fire crews. Thermal imaging is being used to identify hot spots.

There is a lot of work to do to clean up the whole fire area and this will go on for several days.

Te Hapua Welfare Centre remains open with a small amount of people staying there. Nga Hau E Wha Marae and the Selwyn welfare centre have been closed.

Police cordons are still in place and these areas are still considered dangerous. The situation is being constantly reassessed and we will provide further information as soon as it is available.

Fifteen crew from the United States Coast Guard heavy icebreaker USCGC Polar Star are assisting police and the New Zealand Defence Force in the evacuated areas.

A Defence Force Hercules is expected to arrive in Christchurch from Australia today with fire retardant.

Road closure information:

- Cashmere Rd is closed between Hendersons Road and Kaiwara Street.
- Penruddock Rise is also closed at Cashmere Road
- Worsleys Road is closed at Cashmere Road
- Hoon Hay Valley Road is closed at Cashmere Road
- Kennedys Bush Road is closed at Cashmere Road
- Sutherland Road is closed at Cashmere Road
- Worsleys Track from Worleys Road is closed
- Dyers Pass Road is closed between Hackthorne Road to Governors Bay Road. Use the Lyttelton Tunnel or Gebbies Pass as the alternate route.
- Summit Road is closed between Gebbies Pass and Rapaki Track
- Old Tai Tapu Road is closed between Osterholts Road and Early Valley Road.
- Early Valley Road is closed at Old Tai Tapu Road

From: EOC Welfare  
Sent: Friday, 17 February 2017 8:39 p.m.  
To: Dalziel, Lianne; Mora, Mike; Potter, Karolin; Buck, Vicki; Chen, Jimmy; Galloway, Anne; Scandrett, Tim; Clearwater, Phil  
Cc: Dow, Peter; Grace, Arohanui; Collins, Faye; Watson, Gary; Richardson, Mary; Edwards, Karleen; EOC Controller  
Subject: Community Meeting for Evacuees - Saturday 18 Feb

Good evening all,

Just to confirm the community meeting for evacuees will be held tomorrow at 10am at the South West Baptist Church, 244 Lyttelton St, Spreydon.

To those I have just spoken to I apologise for calling so late!

Kind regards,

Kate Oliver – EOC Welfare Team

**Community Resilience Coordinator**  
CDEM & Rural Fire Unit  


**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73016, Christchurch, 8154

Please consider the environment before printing this email

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 11:28 a.m.  
Subject: Civil Defence Update

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## **UPDATE**

A key priority for today is to develop a process to allow evacuated residents back into their homes where it is safe do so.

Planning is underway to reduce the cordoned area around the perimeter of the fire, and a decision on which cordons will be lifted is expected early this afternoon. A risk assessment is being done from the ground and in the air to map areas. Although there was drizzle this morning, wind is expected to increase this afternoon and any dampness will be dried out. There is still extreme heat in the ground and in vegetation which still poses a risk of flare ups.

### **Firefighting update**

The fire at this stage is largely contained but not yet controlled. The fire area is not expanding and firefighters have made great progress in putting in fire breaks around the perimeter of the fire area. Today we have diggers working in several areas to create fire breaks. In those areas that diggers can't access we're focusing on dropping fire retardant to stop the spread of the fire. There's still a lot of dry vegetation and areas of extreme heat within the fire ground, so there's still a very real risk of flare-ups – especially with forecast north-east winds of up to 50km today.

Overall we're starting to move from air-based to ground-based firefighting – water drops won't put the fire out completely so we have to back that up with the heavy machinery to put fire breaks in and dig out the hot spots. That's where a lot of our focus is today with diggers working at several locations, along with 15 helicopters and three fixed wing aircraft.

### **Education**

Cashmere Primary School is closed again today.  
Kidsfirst Cashmere Kindergarten is closed today.

### **Bus services**

Blue Line - all trips will end at Princess Margaret Hospital, no trips will travel to Cashmere Hill.  
145 Westmorland to Eastgate - all trips will end and start their trips on Rose St until further notice.

From: Ritchie, Jocelyn  
Sent: Friday, 17 February 2017 7:14 a.m.  
To: Dalziel, Lianne  
Subject: Fwd: PR: Gerry Brownlee - Fires highlight need for Civil Defence review  
Attachments: image001.jpg

Sent from my iPhone

Begin forwarded message:

From: Georgina Stylianou [REDACTED]  
Date: 17 February 2017 at 7:12:59 AM NZDT  
To: "Ritchie, Jocelyn" [REDACTED]  
Subject: FW: PR: Gerry Brownlee - Fires highlight need for Civil Defence review

Sent with Good ([www.good.com](http://www.good.com))

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From: Georgina Stylianou  
Sent: Friday, 17 February 2017 6:29:32 a.m.  
Subject: PR: Gerry Brownlee - Fires highlight need for Civil Defence review



## **Hon Gerry Brownlee**

**Minister of Civil Defence**

17 February 2017

### **Media Statement**

#### **Fires highlight need for Civil Defence review**

Civil Defence Minister Gerry Brownlee says the fires in Christchurch City and the Selwyn District have highlighted the need to streamline New Zealand's Civil Defence legislation.

On Thursday, Mr Brownlee was scheduled to meet with representatives from all political parties to discuss the Civil Defence response to the Kaikōura earthquake.

He instead travelled to Canterbury to receive updates from the local and regional response teams and survey the blaze from the air.

"In 2016, Parliament passed the Civil Defence Emergency Management Amendment Act. Subsequent to that, the experience of the Kaikōura earthquake, has, in my mind, raised some concerns about the response structures in the Act," Mr Brownlee says.

"The Ministry of Civil Defence & Emergency Management is working to identify lessons and put corrective actions in place following the November 14 event, as it always does after significant disasters.

"However, there is a need for broader consideration of the legislation. I'm hopeful a cross-party approach will be able to consider any improvements that might be made to the Act.

"The fires this week have strengthened the mandate for change. I want to emphasise that I'm not at all criticising the response of those on the ground in both Christchurch City and Selwyn District.

"It's the way information is reported up the chain and the time it can take to access up-to-date information that has been of most concern for me.

"Clarifying and simplifying the chain of command will help ensure clear lines of communication and effective decision-making in the immediate aftermath of significant events.

"I do believe that states of local emergencies could have been declared earlier but, at the time, I was not in Christchurch and local authorities knew the situation in more detail than I did.

"No Minister has ever declared a state of local emergency over the top of local authorities.

"When it comes to disasters, Parliament doesn't divide along party lines. All emergency legislation – in response to the Canterbury earthquakes of 2010 and 2011 and the Kaikōura earthquake last year – was passed unanimously.

"Responding to large-scale natural disasters will always be challenging and I have nothing but admiration for the people who put aside their personal lives to help with the emergency response.

"In a country so prone to natural disasters, it's in everyone's best interests to ensure we are as resilient and ready to respond as we can be," Mr Brownlee says.

**Media Contact: Georgina Stylianou – 021 137 0630**

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From: Hall, Rob  
Sent: Friday, 17 February 2017 8:56 a.m.  
To: Dalziel, Lianne; Edwards, Karleen; Turner, Andrew; Keenan, Di; 'Raf Manji'; Bill Dwyer; Darren Wright; Dr Jane Gregg; Fiona Mules; Matt Russell; Peter Houghton; Johanson, Yani; Ritchie, Jocelyn  
Cc: Healy, Amanda; Stewart, James; Clarke, Steve; Lieschke, Joel; Richardson, Liz; Anstiss, Brendan; Silk, Paul; Munro, Paul  
Subject: Port Hills Fire and the Christchurch Adventure Park Update 8 - Friday morning - 0900  
Attachments: IMG\_5748.png; IMG\_5730.JPG; IMG\_5714.JPG

Importance: High

Dear all,

Please see photos provided by the Mayor from her aerial reconnaissance yesterday afternoon.

The CAP village, base station and associated lift infrastructure appears unscathed, but will require inspection, checks and re-certification. Noting, that there is likely to be some damage, but this is yet to be assessed. There is damage to trails and vegetation within the CAP boundary, but many of the larger pine trees in and around the village area have survived. A lot of the charred ground area around the park, was scrub, so can be replanted.

There remains smouldering vegetation within the CAP boundary and although further risk of damage to the park has now significantly reduced, risk to the park infrastructure remains due to the potential for flare-ups.

The lift line was visible from our office most of yesterday, but is not visible this morning due to smoke. There has been a few drops of rain this morning. The forecast for Christchurch today is for intermittent drizzle later today with easterly winds becoming strong late this afternoon.

This will be my last general update, unless the situation changes for the worse.

Warm regards

Rob

**Rob Hall**

Chief Executive Officer  
Development Christchurch Ltd

PO Box 333

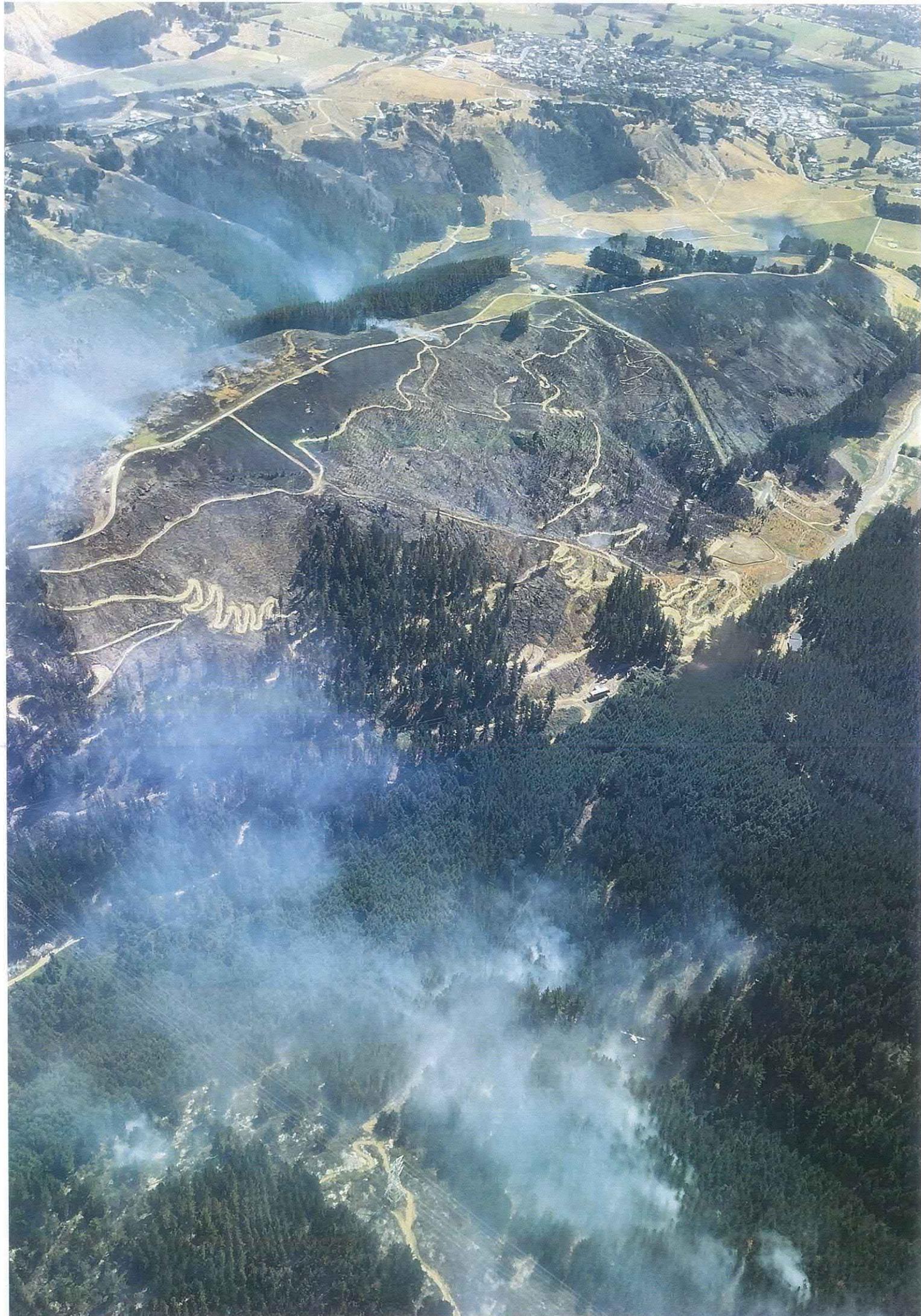
Level 1, Building 2

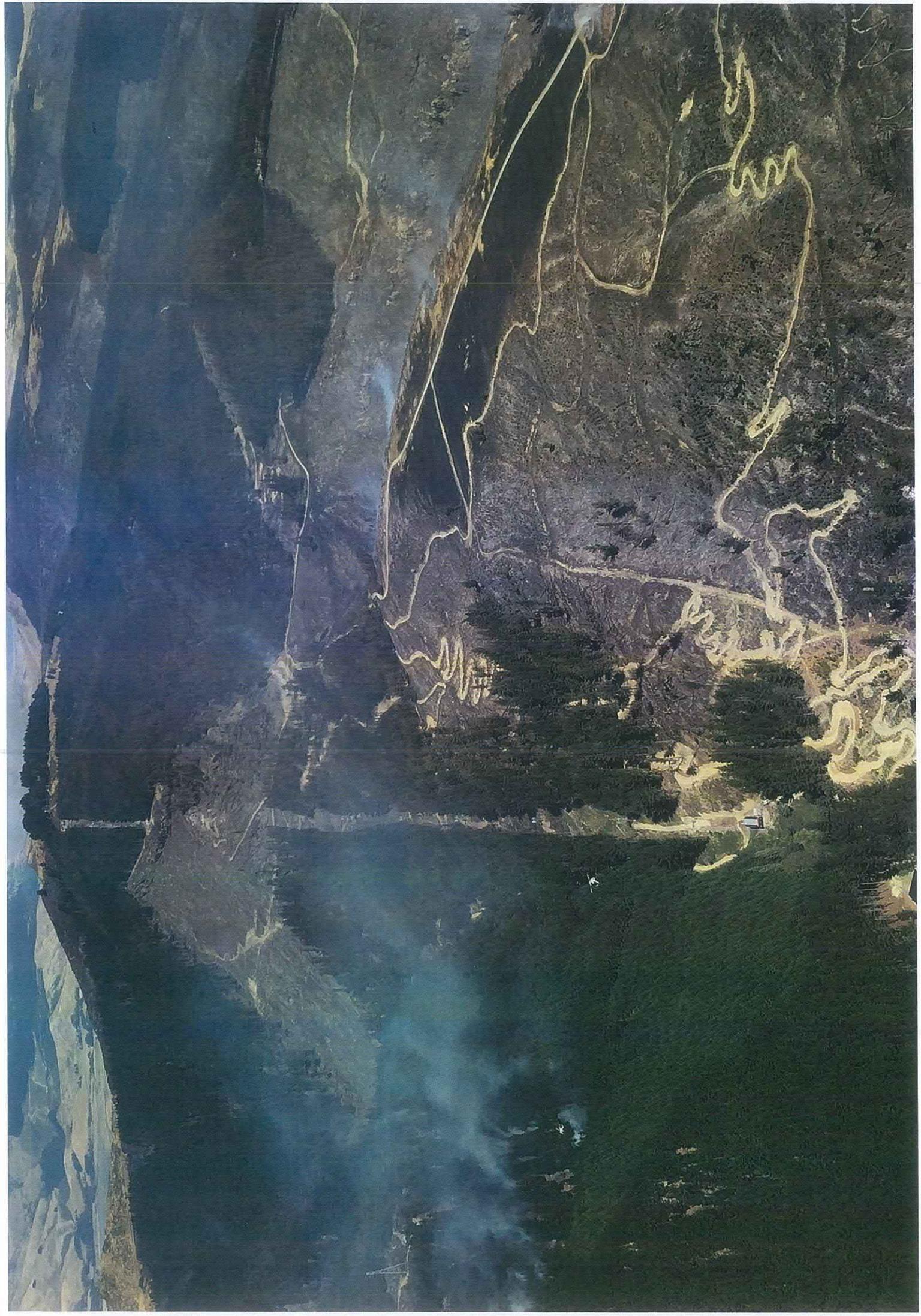
181 High Street, Christchurch

NEW ZEALAND



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|   |  |                                  |
|---|--|----------------------------------|
| <b>1. Incident Name</b><br><b>Port Hills Complex</b>  | <b>2. Operational Period</b>                     | <b>SITUATION REPORT</b><br>RF201 |
|   | Date: 17 February 2017<br>Time: 0900hrs          |                                  |
| <b>3. Location</b><br><b>Marleys Hill and Early Valley</b>  | <b>4. Vegetation</b><br>Forest/Scrub/Grass/Slash | <b>5. NZ Topo50 Grid Ref.</b>    |
| <b>6. Assessment</b>  |  |                                  |
| <p>The Port Hill fires (Early Valley &amp; Summit Road) have now merged into one following the significant escalation of the fire during the afternoon and evening of the 15 February. The area of the fire is now 2075ha and this area has been contained during the day time operational period of the 16th. This containment was confirmed when the fire perimeter was re-flown on the afternoon of the 16th. Fire ground observers have identified locations requiring continued suppression efforts and they include the area above Dyers Pass Road below Sign of the Kiwi into Victoria Park, in and around Sugar Loaf, the area around Marleys Hill and the southern flank of the fire which potentially could blow out into unburnt fuel. The fire runs on the 15<sup>th</sup> took the fire into close proximity of the dense residential housing of Westmoreland.</p> <p>There have been a significant number of properties affected.</p> <p>At this moment the confirmed number of destroyed structures is 11 houses and 2 large sheds.</p> <p>Metservice weather Port Hills 0835; 17 degree, 88% RH and average wind E 20km/hr.</p>   |  |                                  |
| <b>7. Action taken</b>  |  |                                  |
| <p>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.</p> <p>Works during yesterday focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews working.</p> <p>The night shift continued suppression efforts and utilised thermal imaging cameras.</p> <p>A number of evacuations were undertaken on Wednesday as the fire has compromised properties in the Worsleys, Hoon Hay Valley, Kennedys Bush Roads and Dyers Pass Road. Many other households have self-evacuated. Actual number of people affected is unknown.</p> <p>Operations are working through a process to assess homes so people can return to their homes.</p> <p>Road closures have been extended with police and defence manning road blocks.</p> <p>There is a Welfare Centre at the Halswell Library being managed by Civil Defence.</p> <p>Restricted Air Space remains in place – extend to 3,500ft up until midday Friday 17<sup>th</sup> February.</p> <p>Power authorities are working to maintain service.</p> |  |                                  |
| <b>8. Factors</b>   |  |                                  |
| <p>Key factors are</p> <ul style="list-style-type: none"> <li>• Smoke reducing visibility</li> <li>• Steep and dissected hill country posing difficulty with access</li> <li>• Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry</li> <li>• Continued significant resource commitment in terms of personnel and equipment</li> <li>• Limited water supplies close to the fire ground are being exhausted.</li> <li>• Damage to power infrastructure</li> <li>• Fire crews, helicopter personnel and management staff fatigue. Rotation with resources from outside the region need to be considered.</li> <li>• Damp weather and high humidity's will moderate fire behaviour and potentially add fire suppression efforts. It will also have safety implications with regard to ground operations, slip hazards and vehicle access, and air operations will be affected by the low cloud.</li> </ul>  |  |                                  |

**9. Predicted Incident Development**

Today NE winds are expected to increase to 35 km/hr and gusting to 45km/hr. The RH is also expected to increase 100% as drizzle develops in the afternoon. Most intense precipitation is expected mid-afternoon. These conditions are expected to result in moderate fire behaviour although increasing wind maybe flaring up hot spots. The high RH and drizzle will make new fires less likely to develop. On Saturday the drizzle is expected to turn to light rain with continued NE winds, these will be good conditions for blacking out the fire perimeter. Areas of concern are the land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.

**10. Prepared by:** Terry O'Neill**Date/Time** 17/02/2017 0900 hrs

From: Swiggs, Deon  
Sent: Friday, 17 February 2017 10:24 a.m.  
To: Dalziel, Lianne  
Subject: Your video - click the link to download

[https://www.dropbox.com/s/lqpi7yic9ltu7gn/IMG\\_5665.mp4?dl=0](https://www.dropbox.com/s/lqpi7yic9ltu7gn/IMG_5665.mp4?dl=0)

Deon Swiggs  
Councillor - Central  
Christchurch City Council  
0275794447

sent from Samsung Galaxy

|   |  |                                  |
|---|--|----------------------------------|
| <b>1. Incident Name</b><br><b>Port Hills Complex</b>  | <b>2. Operational Period</b>                     | <b>SITUATION REPORT</b><br>RF201 |
|   | Date: 17 February 2017<br>Time: 1230hrs          |                                  |
| <b>3. Location</b><br><b>Marleys Hill and Early Valley</b>  | <b>4. Vegetation</b><br>Forest/Scrub/Grass/Slash | <b>5. NZ Topo50 Grid Ref.</b>    |
| <b>6. Assessment</b>  |  |                                  |
| <p>The Port Hill fires (Early Valley &amp; Marleys Hill) have now merged into one following the significant escalation of the fire during the afternoon and evening of the 15 February. The area of the fire is now 2075ha and this area has been contained during the day time operational period of the 16th. This containment was confirmed when the fire perimeter was re-flown on the afternoon of the 16th. Fire ground observers have identified locations requiring continued suppression efforts and they include the area above Dyers Pass Road below Sign of the Kiwi into Victoria Park, in and around Sugar Loaf, the area around Marleys Hill and the southern flank of the fire which potentially could blow out into unburnt fuel. The fire runs on the 15<sup>th</sup> took the fire into close proximity of the dense residential housing of Westmoreland.</p> <p>There have been a significant number of properties affected.</p> <p>At this moment the confirmed number of destroyed structures is 11 houses and 2 large sheds. The perimeter which is over 29km has 21% confirmed as controlled which has been defined as bare earth or blacked out for at least 10 metres. The actual control lines are expected to be more than this, confirmation of the state of the perimeter is currently being assessed by ground staff.</p> <p>Metservice weather Port Hills 1230; 17 degree, 94% RH and average wind E 22km/hr.</p> |  |                                  |
| <b>7. Action taken</b>  |  |                                  |
| <p>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.</p> <p>Works during yesterday focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews working. The night shift continued suppression efforts and utilised thermal imaging cameras.</p> <p>A number of evacuations were undertaken on Wednesday as the fire has compromised properties in the Worsleys, Hoon Hay Valley, Kennedys Bush Roads and Dyers Pass Road. Many other households have self-evacuated. Actual number of people affected is unknown.</p> <p>Situation and NZFS have been assessing homes so that people can be provided information regarding their homes. As at 1200 the IMT team have made recommendations regarding the lifting of some cordons to CCC Civil Defence. In the meantime road closures continue with police and defence manning road blocks.</p> <p>There is a Welfare Centre at the Halswell Library being managed by Civil Defence.</p> <p>Restricted Air Space remains in place – extend to 3,500ft up. Power authorities are working to repair damaged infrastructure.</p>   |  |                                  |

## **8. Factors**

Key factors are

- Smoke reducing visibility
- Steep and dissected hill country posing difficulty with access
- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry
- Continued significant resource commitment in terms of personnel and equipment
- Limited water supplies close to the fire ground are being exhausted.
- Damage to power infrastructure.
- Powerlines and Adventure Park zip lines pose a hazard to aircraft.
- Fire crews, helicopter personnel and management staff fatigue. Rotation with resources from outside the region need to be considered.
- Damp weather and high humidity's will have safety implications with regard to ground operations, slip hazards and vehicle access, and air operations will be affected by the low cloud.

## **9. Predicted Incident Development**

Today NE winds are expected to increase to 35 km/hr and gusting to 50km/hr. The RH is also expected to increase 85-95% as drizzle develops in the afternoon. Most intense precipitation is expected mid-afternoon but less than 2mm expected until 2400. These conditions are expected to result in moderate fire behaviour although increasing wind maybe flaring up hot spots. The high RH and drizzle will make new fires less likely to develop. On Saturday the drizzle is expected to turn to light rain with continued NE winds, these will be good conditions for blacking out the fire perimeter. Areas of concern are the land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.

**10. Prepared by:** Terry O'Neill

**Date/Time** 17/02/2017 1230 hrs

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 12:44 p.m.  
Subject: Media advisory: Media photo/vision opportunity

**Friday 17 February 2017**

**Media advisory: Media photo/vision opportunity**

An opportunity is available this afternoon for media to capture photography and video on an active part of the fire area. A short briefing from the fire crew leader will also be provided.

**Details:**

- 2.45pm today (Friday 17 Feb) reporting time at Princess Margaret Hospital
- Please report to the fire Staging Area at **Princess Margaret Hospital car park** – look for the command caravan.
- You will be given an access card to allow access to the fire area.
- You will be escorted in convoy to the fire area.
- You must follow all instructions of the fire crew leader.
- Please wear appropriate footwear and clothing.

Limited time will be available for photography/video.

**Enquiries:**

Stephen Hill  
[REDACTED]

Dean Kilbride (Contact on site)  
[REDACTED]

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 1:18 p.m.  
Subject: FW: Update - cordon

CORDON UPDATE

CASHMERE RD/PENRUDDOCK RISE

One cordon on the perimeter of the Port Hills fire has now been lifted.

The cordon at the corner of Cashmere Road and Penruddock Rise has now been lifted and these residents only are able to return to their properties. Access to the area is only available from the east.

All other cordons remain in place. Their status is being reviewed as risk assessment information becomes available. Cordons will be lifted only where it is safe to do so.

We hope to announce the lifting of some further cordons early this afternoon.

Media contact

[REDACTED]

From: [REDACTED]  
Sent: Friday, 17 February 2017 2:20 p.m.  
To: Dalziel, Lianne  
Subject: Re: Re Worsleys Rd

Fabulous. Thank you

From: Dalziel, Lianne [REDACTED]  
Sent: Friday, 17 February 2017 2:15:16 p.m.  
To: [REDACTED]  
Subject: Re: Re Worsleys Rd

Mary Richardson will call her

Sent from my iPhone

> On 17/02/2017, at 2:05 PM, [REDACTED] wrote:  
>  
> Thank you. Regarding [REDACTED] email to you, would you like to talk with her directly? Alternatively, I could reply to her your brief thoughts if you preferred.  
>  
> I am sure some message sooner-than-later will begin to ease their distress.  
>  
> Yours  
>  
> [REDACTED]  
> [REDACTED]  
>  
> -----Original Message-----  
> From: Dalziel, Lianne [REDACTED]  
> Sent: Friday, 17 February 2017 1:44 PM  
> To: [REDACTED]  
> Subject: Re: Re Worsleys Rd  
>  
> Have forwarded to controller. Ver generous of you  
>  
> Sent from my iPhone  
>  
> On 17/02/2017, at 1:35 PM, [REDACTED] wrote:  
>  
> Your Worship, Mayor Dalziel  
>  
> Dear Lianne  
>  
> Further to the email sent to you, below from [REDACTED] I would like to ask you to consider a streamlined approach to communications with the Cracroft community. This email to you is to offer my assistance in the coordination of communications between yourselves and the Cracroft Community. My professional role in community engagement, conflict analysis and transformation may help. (credentials attached)  
>  
> I would be happy to discuss matters at your convenience. So far today I have been speaking with Shupayi at Civil Defence about this matter and offered the following:  
>  
> I am in contact with all 25 households on Worsley's spur. They feel it would be helpful for direct information could be conveyed to them directly via a third party.  
>  
> This could be me, should you agree.  
>  
> This mechanism would allow:  
>  
> 1. Cracroft residents to feel connected with Council / CD  
> 2. CCC / Civil Defence to provide accurate information even if this means "there is nothing new to report".  
> 3. Cracroft residents to ask advice and seek answers in a coordinated fashion  
> 4. Improve continuity and quality of the information to Cracroft home owners.  
> 5. Help reduce conflict and prevent dispute.  
>  
> Please call me at your earliest convenience. (I have attached my credentials so that you have confidence I have a capability to assist you and the Cracroft community.)  
>  
> Regards  
>  
> [REDACTED]  
>  
> From: [REDACTED]  
> Subject: Re Worsleys Rd  
> Date: 16 February 2017 9:46:58 pm NZDT  
> To: [REDACTED]  
>  
> Hi Lianne  
> I'm not sure if you remember me but I created your campaign website and then your upgrade last year and I am a resident of Worsleys Rd  
>

> I just wanted to contact you because I seem to have come to a dead end with the "incident command centre" at PMH who thought they could help but it appears not after a strange phone call from Selwyn district council telling they couldn't tell me the status of my house

>  
> In a nutshell we are a small community in Worsleys Rd who all know each other. We have been told some unbelievable information in the last day/night that has been incredibly distressing.

>  
> An example of this is at 3am [REDACTED] was told by police that his house and his neighbors house at [REDACTED] Worsleys road had burnt down. They then got a phone call a few hours later that their house was actually ok but [REDACTED] was definitely burnt down. The [REDACTED] were told at 8am that their house was burnt down. So as neighbours we were all sad to hear this. But imagine our surprise as the smoke lifted in the morning the Newburys house was still there and completely sound. We texted them to say their house was ok but they couldn't believe it until 4pm they were sent a photo of their home from someone digging fire breaks on their property and knew their landscape gardener. They have had no official word.

>  
> In fact most of us have not had any contact from anyone in the police, the fire service or the ccc at all. We stood together and watched the Reece's house burn to the ground this morning with great sadness.

>  
> So I went to the incident command centre at pmh this afternoon and asked why the Worsleys RD residents are being told nothing and why we don't have a liaison for us not just some number that all of Cashmere is ringing. Anyway after a bit of "this is unacceptable" and "haven't we learnt anything from the earthquakes" and "how hard is it to tell 25 residents if their houses are standing when you obv know". I thought I got some traction. They told me they agreed that it was poor and that they would call me once they had sorted out who that person is and then I can pass it on. This was the bewildered person from Selwyn who thought I was just inquiring about my home. So no joy. We just don't know where else to turn.

>  
> I realise that this is huge undertaking and believe me we are eternally grateful to every single person that is up our road saving our homes. But in the meantime we are completely in the dark as to what is happening. How come the PM can have a fly over see the status of every one of our houses but we can't know this? Why has no-one contacted us when our homes are obviously in the firing line. It's just so sad and adding so much more stress to an incredibly stressful situation.

>  
> I implore you to help us. We just want some information. We want to be able to ring someone and ask if our home is still there without having to drive up Bengal Drive or Sparks Rd and want for the smoke to dissipate. We want to make sure that we can stop rumours about our homes. Last night it was 40 homes lost when there aren't even 40 homes up there.

>  
> I am not doing this because I need to know about my house, before dark it was still there I could see it from Bengal Drive. My hope is it will be there tomorrow. I love that we have some amazing people helping on the ground. I just want our community to be acknowledged as a community not part of the greater Cashmere area of which no other houses have had flames licking at their doors.

>  
>  
> Cheers [REDACTED]  
>  
> Sent from my iPhone  
>  
> <Profile one page [REDACTED]  
> \*\*\*\*\*  
> This electronic email and any files transmitted with it are intended solely for the use of the individual or entity to whom they are addressed.  
>  
> The views expressed in this message are those of the individual sender and may not necessarily reflect the views of the Christchurch City Council.  
>  
> If you are not the correct recipient of this email please advise the sender and delete.  
>  
> Christchurch City Council  
> <http://www.ccc.govt.nz>  
> \*\*\*\*\*

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The views expressed in this message are those of the individual sender and may not necessarily reflect the views of the Christchurch City Council.

If you are not the correct recipient of this email please advise the sender and delete.

Christchurch City Council  
<http://www.ccc.govt.nz>  
\*\*\*\*\*

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 3:13 p.m.  
Subject: FW: PORT HILLS FIRE UPDATE 3PM

### 3PM UPDATE

#### CORDONS

The cordon at the corner of Early Valley Road and Old Tai Tapu Road has been lifted. Access is available only from the north. A cordon remains in place to the south of this intersection because of continuing firefighting operations.

The lifting of this cordon and the earlier lifting of

Lifting cordons remains a high priority. We still hope to lift further cordons this afternoon. A map showing current cordons is available online at [www.tfc.govt.nz](http://www.tfc.govt.nz). Cordons can be lifted only after full risk assessments have been completed. This work includes expert assessment of the fire hazard, the danger posed by damaged structures, environmental hazards such as asbestos, and geotechnical hazards caused by the loss of vegetation.

#### ACCESS TO PROPERTIES SEVERELY DAMAGED OR DESTROYED INSIDE REMAINING CORDONS

Agencies are working together to develop a process for residents whose homes have suffered severe or total damage to register their contact details. This afternoon we will be asking people to provide their contact details, the address of their damaged property and the reason they need to return. If their property is considered safe to visit, a time will be arranged for them to be taken in behind the cordon to visit their property for a short time, accompanied by a police officer and a fire officer. Visits will be prioritised according to urgency, based on the need to collect essential items such as medical supplies, to retrieve or provide care for pets or livestock, or to collect items essential for work or study.

|   |  |                                  |
|---|--|----------------------------------|
| <b>1. Incident Name</b><br><b>Port Hills Complex</b>  | <b>2. Operational Period</b>                     | <b>SITUATION REPORT</b><br>RF201 |
|   | Date: 17 February 2017<br>Time: 1530hrs          |                                  |
| <b>3. Location</b><br><b>Marleys Hill and Early Valley</b>  | <b>4. Vegetation</b><br>Forest/Scrub/Grass/Slash | <b>5. NZ Topo50 Grid Ref.</b>    |
| <b>6. Assessment</b>  |  |                                  |
| <p>The Port Hill fires (Early Valley &amp; Marleys Hill) merged into one following the significant escalation of the fire during the afternoon and evening of the 15 February. The area of the fire is now 2075ha and this area was contained during the day time operational period of the 16th. This containment was confirmed when the fire perimeter was flown early morning of the 16<sup>th</sup> and was then re-flown in the afternoon with no detectable change. Fire ground observers have identified locations requiring continued suppression efforts and they include the area above Dyers Pass Road below Sign of the Kiwi into Victoria Park, in and around Sugar Loaf, the area around Marleys Hill and the southern flank of the fire which potentially could blow out into unburnt fuel. The fire runs on the 15<sup>th</sup> took the fire into close proximity of the dense residential housing of Westmoreland.</p> <p>There have been a significant number of properties affected. The confirmed number of destroyed structures is 11 houses and 2 large sheds. The perimeter which is over 29km has 21% confirmed as controlled which has been defined as bare earth or blacked out ground for at least 10 metres. The actual percentage of perimeter that is controlled is expected to be more than 21% and the state of the perimeter is currently being assessed by ground staff.</p> <p>Metservice Port Hills 1515; 16 degree, 99% RH, rain 0.2mm and average wind NE 22km/hr.</p> |  |                                  |
| <b>7. Action taken</b>  |  |                                  |
| <p>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.</p> <p>Works during yesterday focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews working. The night shift continued suppression efforts and utilised thermal imaging cameras.</p> <p>A number of evacuations were undertaken on Wednesday as the fire has compromised properties in the Worsleys, Hoon Hay Valley, Kennedys Bush Roads and Dyers Pass Road. Many other households have self-evacuated. Actual number of people affected is unknown.</p> <p>Situation and NZFS have been assessing homes so that people can be provided information regarding their homes. As at 1500 the cordon for Westmorland had been lifted and residents have been allowed to return to their homes. In the meantime road closures continue at Hoon Hay Valley Road, Kennedys Bush Road and Dyers Pass Road with police and defence manning road blocks.</p> <p>There is a Welfare Centre at the Halswell Library being managed by Civil Defence.</p> <p>Restricted Air Space remains in place – extend to 3,500ft up. Power authorities are working to repair damaged infrastructure.</p>   |  |                                  |

## **8. Factors**

Key factors are

- Residents are wishing to return to their houses ASAP.
- Smoke reducing visibility
- Steep and dissected hill country posing difficulty with access
- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry
- Continued significant resource commitment in terms of personnel and equipment
- Limited water supplies close to the fire ground are being exhausted.
- Damage to power infrastructure.
- Powerlines and Adventure Park zip lines pose a hazard to aircraft.
- Fire crews, helicopter personnel and management staff fatigue. Rotation with resources from outside the region need to be considered.
- Damp weather and high humidity's will have safety implications with regard to ground operations, slip hazards and vehicle access, and air operations will be affected by the low cloud.

## **9. Predicted Incident Development**

Today NE winds are expected to increase to 35 km/hr and gusting to 50km/hr. The RH is also expected to increase 85-95% as drizzle develops in the afternoon. Most intense precipitation is expected mid-afternoon but less than 2mm expected until 2400. These conditions are expected to result in moderate fire behaviour although increasing wind may flare up hot spots. The high RH and drizzle will make new fires less likely to develop. On Saturday the drizzle is expected to turn to light rain with continued NE winds, these will be good conditions for blacking out the fire perimeter. Areas of concern are the land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| <b>10. Prepared by:</b> Terry O'Neill | <b>Date/Time</b> 17/02/2017 1530 hrs |
|---------------------------------------|--------------------------------------|

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 3:29 p.m.  
To: EOC Public Information Management  
Subject: ERROR IN PORT HILLS FIRE UPDATE 3PM

Due to a technical issue an incomplete version of the 3pm update was sent.  
A new version will be sent shortly.  
Apologies for any confusion.

---

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 3:13 p.m.  
Subject: FW: PORT HILLS FIRE UPDATE 3PM

#### 3PM UPDATE

#### CORDONS

The cordon at the corner of Early Valley Road and Old Tai Tapu Road has been lifted. Access is available only from the north. A cordon remains in place to the south of this intersection because of continuing firefighting operations.

The lifting of this cordon and the earlier lifting of

Lifting cordons remains a high priority. We still hope to lift further cordons this afternoon. A map showing current cordons is available online at [www.tfc.govt.nz](http://www.tfc.govt.nz). Cordons can be lifted only after full risk assessments have been completed. This work includes expert assessment of the fire hazard, the danger posed by damaged structures, environmental hazards such as asbestos, and geotechnical hazards caused by the loss of vegetation.

#### ACCESS TO PROPERTIES SEVERELY DAMAGED OR DESTROYED INSIDE REMAINING CORDONS

Agencies are working together to develop a process for residents whose homes have suffered severe or total damage to register their contact details. This afternoon we will be asking people to provide their contact details, the address of their damaged property and the reason they need to return. If their property is considered safe to visit, a time will be arranged for them to be taken in behind the cordon to visit their property for a short time, accompanied by a police officer and a fire officer. Visits will be prioritised according to urgency, based on the need to collect essential items such as medical supplies, to retrieve or provide care for pets or livestock, or to collect items essential for work or study.

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 3:40 p.m.  
Subject: CORRECTED 3PM FIRE CORDON UPDATE

**CORRECTED COPY FOR 3PM UPDATE**

Please see the corrected text below for the 3pm update which was sent earlier.

**CORDONS**

The cordons at the corner of Early Valley Road and Old Tai Tapu Road and at the corner of Osterholts Road and Old Tai Tapu Road have been lifted.

The lifting of these cordons and the earlier lifting of the cordon at the corner of Cashmere Road and Penruddock Rise (accessible only from the east), means there are now no cordons on Old Tai Tapu Road and that much of Westmorland has now reopened, allowing more than 1400 people (Census data for residents) to return to their homes.

The lifting of remaining cordons is a high priority for emergency services and we still hope to lift further cordons this afternoon.

A map showing current cordons is available online at [www.tfc.govt.nz](http://www.tfc.govt.nz).

Cordons can be lifted only after full risk assessments have been completed. This work includes expert assessment of the fire hazard, the danger posed by damaged structures, environmental hazards such as asbestos, and geotechnical hazards caused by the loss of vegetation.

**ACCESS TO PROPERTIES SEVERELY DAMAGED OR DESTROYED INSIDE REMAINING CORDONS**

Agencies are working together to develop a process for residents whose homes have suffered severe or total damage and remain cordoned to register their contact details.

People can call the Christchurch City Council contact centre on 941 8999. Online registration will also be available.

People will be asked to provide their contact details, the address of their damaged property and the reason they need to return.

If their property is considered safe to visit, a time will be arranged for them to be taken in behind the cordon to visit their property for a short time, accompanied by a police officer and a fire officer.

Visits will be prioritised according to urgency, based on the need to collect essential items such as medical supplies, to retrieve or provide care for pets or livestock, or to collect items essential for work or study.

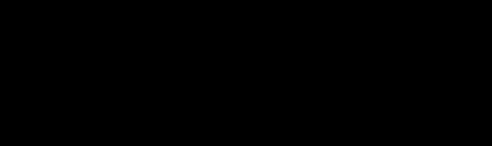
From: Smith, Ariana  
Sent: Friday, 17 February 2017 3:51 p.m.  
To: Dalziel, Lianne  
Cc: Ritchie, Jocelyn  
Subject: Fire Fighters union statement from 45 minutes ago

<https://www.tvnz.co.nz/one-news/new-zealand/christchurch-firefighters-told-stand-down-blazes-first-started-says-union>

And they've ended the piece with old quotes from Mayor and Minister from earlier in the week.

Ariana

Ariana Smith | Chief of Staff | Mayor's Office



From: Close, Ruth  
Sent: Friday, 17 February 2017 4:03 p.m.  
To: Dalziel, Lianne  
Subject: FW: Controller Shifts over weekend  
  
Importance: High

FYI

---

From: [REDACTED]  
Sent: Friday, 17 February 2017 3:41 p.m.  
To: EOC Controller; [REDACTED]  
Cc: [REDACTED]  
Subject: Controller Shifts over weekend  
Importance: High

Controller Shifts

Friday, 17 February 2017  
0700 – 1900 – John Mackie with EA support [REDACTED]  
1900 – 0000 – Dave Adamson with EA support [REDACTED]

Saturday, 18 February 2017  
0000 – 0700 – Anne Columbus no EA support  
0700 – 1500 – John Mackie with EA support [REDACTED] (NOTE: John on site from 6:30am until 8am Anne will cover until John returns)  
1500 – 2300 – Dave Adamson with EA support [REDACTED]

Saturday Night/Sunday, 19 February 2017  
2300 – 0700 – Anne Columbus with no EA support

Sunday, 19 February 2017  
0700 – 1500 – John Mackie with EA support [REDACTED]  
1500 – 2300 – Dave Adamson with EA support [REDACTED]

Sunday/Monday, 20 February 2017  
2300 – 0700 – Anne Columbus with no EA support

Katie Louw unavailable Saturday, 18 February until 1:30pm. Can be on call after that on [REDACTED]

As discussed with John and Anne.

[REDACTED]  
**Personal Assistant to Alicia Palmer**  
Head of CDEM & Rural Fire

[REDACTED]  
**Christchurch City Council**  
Level 6, 53 Hereford Street, Christchurch 8011  
PO Box 73016, Christchurch, 8154

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 4:16 p.m.  
To: Councillors and Mayor; Community Governance Managers; Community Board Advisers; Public Information and Participation; EOC Welfare Centre - Burnside; EOC Welfare; EOC Planning; EOC Logistics; EOC Controller  
Subject: Te Hapua Halswell Centre changes

Good afternoon,

The information below is being shared on social media and through Newsline, as well as being provided to the Council customer centre.

It is attached FYI, and you are welcome to share the post from Christchurch Civil Defence Facebook to spread the word.

Regards

Ross

Public information team

From 3pm today (Friday) the Civil Defence welfare centre at Te Hapua Halswell Centre shifted its focus from on-site accommodation to providing recovery assistance and information.

There will be staff available to deal with inquiries. People with accommodation needs can go to the centre to be assessed to see if they meet the criteria for assistance.

The centre will be open until 7pm tonight (Friday) and from 10-4 on Saturday and Sunday. A decision about whether it remains in place beyond that will be made based on the demand.

From: [REDACTED]  
Sent: Friday, 17 February 2017 4:27 p.m.  
To: Manji, Raf; Dalziel, Lianne; Buck, Vicki  
Subject: Port Hills

Hi Lianne and Raf and Vicki

We live on [REDACTED] near a small Pine tree plantation. It is quite scary...

I am amazed that Authorities allow land owners, to plant large pine tree forests on the Port Hills??

The Port Hills are always dry and warm. Its climate is similar to that in California.(our daughter lives in Santa Barbara) Planting Pine trees on the Port Hills is the same as laying land mines. They are an explosion waiting for a spark to trigger it!!

This disaster was made by the people of ChCh who planted inappropriately there...It is not an act of God.

It is an act of stupidness, allowed by Councils and other authorities.

I watch seagulls dropping shell fish from high in the sky in order to open their shells. A spark from this activity is all it takes to start a fire. Also smokers, and pyromaniacs can't be ignored.

In my opinion the only planting on the Port Hills should be Native plants (to the area), succulents, or nothing at all...

Please do something to stop this stupid behaviour.

Regards

STADIUM-STADIUM-STADIUM-STADIUM

Me - [REDACTED] ☺

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 6:12 p.m.  
Subject: Port Hills fires 6pm update

Christchurch Civil Defence Update #20

Friday 17 February 2017

Update on Port Hills Fire 6pm

### Registration process for property access

Authorities have established a process for people to register to gain access to properties within the cordon and collect essential supplies

Visits will be prioritised according to urgency, based on the need to collect essential items such as:

- Livelihood – essential items for your business or study
- Health – if you need to get medication or other essential items
- Personal welfare – essential items such as clothing and documents
- Animal welfare – pets and livestock

People can call the Christchurch City Council Customer Centre on 941 8999 or 0800 800 169 to register or head online to fill out a request, go to [ccc.govt.nz/evacuated-homeowners-access-registration/](http://ccc.govt.nz/evacuated-homeowners-access-registration/)

People who register will be contacted and those who are able to go to their property will be accompanied by a police officer.

It is recommended adults only attend.

### Cordons lifted

The cordons at the corner of Early Valley Road and Old Tai Tapu Road and at the corner of Osterholts Road and Old Tai Tapu Road have been lifted.

The lifting of these cordons and the earlier lifting of the cordon at the corner of Cashmere Road and Penruddock Rise (accessible only from the east), means there are now no cordons on Old Tai Tapu Road and that much of Westmorland has now reopened, allowing people with properties to return.

The lifting of remaining cordons is a high priority for emergency services and we still hope to lift further cordons this afternoon.

A map showing current cordons is available online at [www.tfc.govt.nz](http://www.tfc.govt.nz).

Cordons can be lifted only after full risk assessments have been completed. This work includes expert assessment of the fire hazard, the danger posed by damaged structures, environmental hazards such as asbestos, and geotechnical hazards caused by the loss of vegetation.

### Welfare centre

From 3pm today (Friday) the Civil Defence welfare centre at Te Hapua Halswell Centre shifted its focus from on-site accommodation to providing recovery assistance and information.

There will be staff available to deal with inquiries. People with accommodation needs can go to the centre to be assessed to see if they meet the criteria for assistance.

The centre will remain open until 7pm and will open again from 10-4 on Saturday and Sunday. A decision about whether it remains in place beyond that will be made based on the demand.

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 6:25 p.m.  
To: Councillors and Mayor  
Cc: Edwards, Karleen; Bruerton, Adair; Smith, Ariana  
Subject: cordon update

We just been told by the Group Controller Neville Reilly that we are about to lift a number of the remaining cordons. It looks like we could be lifting around six more cordons due to the recent rain.  
Nothing is confirmed at this stage, but will let you know as soon as we have an update

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 7:53 p.m.  
Subject: Port Hills fire - more cordons removed

#### Authorities remove several more fire cordons

Authorities have lifted several further cordons after assessing the risk from the Port Hills fire.

Cordons along Cashmere Road have been removed where it intersects with:

- Shalamar Drive
- Worsleys Road
- Opihi Street
- Hendersons Road
- Sutherlands Road

A cordon is in place at the intersection of Hoon Hay Valley Road and Cashmere Road meaning Hoon Hay Valley Road remains closed to the public.

The cordon at the intersection of Kennedys Bush Road and Cashmere Road is moved to the other side of the intersection, keeping the uphill section of Kennedys Bush Road closed.

Christchurch Civil Defence controller Dave Adamson says the ground crews have worked very hard to do the necessary risk assessment to enable people in these areas to return to their properties.

"This is a significant step and we appreciate everybody's patience to date, and hope others will take this as a sign that we are working as hard as possible to make sure it is safe for them to return home."

There are still cordons in place in the following areas:

- Beyond 327 Worsleys Road
- Dyers Pass Road at Hackthorne lower and upper intersections
- Dyers Pass Road at Governor's Bay Road
- Summit Road and Gebbies Pass Road

# **NOT FOR PUBLIC DISTRIBUTION**

## **Briefing for elected members**

This is a report for Day 4 of the Port Hills fire. The estimated area of the fire is now more than 2000 hectares with a perimeter of 29km, but it is contained within this area.

Emergency services have welcomed the cooler weather conditions and steady rain this afternoon. However this morning incident controller Richard McNamara described today's rain as the equivalent of "spitting on a bbq". While the reduction in temperature is helpful, it doesn't extinguish the fire.

The rain made it harder for heavy machinery and fire appliances to move around on 4WD tracks and dozer lines in the fire area.

Because of the low cloud base, air operations were stood down from 5pm. While that's a reduction in flying time, it does mean that the pilots get a bit more of a break tonight. Ground crews are still out there working as per usual, but will be stood down early.

Today's firefighting effort followed a relatively quiet night with a few minor flare ups contained by fire crews. Thermal imaging was used overnight and is being used to identify hot spots.

The first priority today was to identify and locate the 11 home owners whose houses and sheds had been lost. Working with the Fire Service police advised the owners of the condition of their properties

The good news has been the lifting of cordons. Two of the 12 cordons were removed earlier today. The cordons lifted earlier are:

- Cashmere Road/Penruddock Rise to allow access for Westmoreland residents, but not Happy Valley Road
- Old Tai Tapu Road and Early Valley Road and the corner of Osterholts Road and Old Tai Tapu Road. At this stage other cordons remain in place as the fire safety risk is still high.

### **Authorities in the process of removing most remaining cordons**

Authorities are currently in the process of lifting a further seven cordons after assessing the risk from the Port Hills fire.

Cordons along Cashmere Road are being removed where it intersects with:

- Shalamar Drive
- Worsleys Road
- Opihi Street
- Hendersons Road
- Sutherlands Road

A cordon is in place at the intersection of Hoon Hay Valley Road and Cashmere Road meaning Hoon Hay Valley Road remains closed to the public.

The cordon at the intersection of Kennedys Bush Road and Cashmere Road is moved to the other side of the intersection, keeping the uphill section of Kennedys Bush Road closed.

Christchurch Civil Defence controller John Mackie says the ground crews have worked very hard to do the necessary risk assessment to enable people in these areas to return to their properties.

“This is a significant step and we appreciate everybody’s patience to date, and hope others will take this as a sign that we are working as hard as possible to make sure it is safe for them to return home.”

There are still cordons in place in the following areas:

- Beyond 327 Worsleys Road
- Dyers Pass Road at Hackthorne lower and upper intersections
- Dyers Pass Road at Governor’s Bay Road
- Summit Road and Gebbies Pass Road

It is estimated that about 250 properties are still in the cordoned area.

We are working with other agencies to enable evacuated homeowners safe access to their properties – we are asking homeowners who have been evacuated to register their contact details and their need for entering with the council either an online form on the Council website or by calling the Council call centre 941 8999. Visits managed by the Police will be prioritised according to urgency based on the need to collect essential items such as

- Livelihood – essential items for your business or study
- Health – if you need medication or other essential items
- Personal welfare – essential items such as clothing and documents
- Animal welfare – pets and livestock.

Cordons can only be lifted after full risk assessments have been completed.

We are planning a public meeting tomorrow for residents in the affected areas. Details are still being finalised. However we can confirm that the meeting is at 10am in the South West Baptist Church gymnasium on the corner of Lyttelton Street and Cobham Street.

## **Firefighting update**

- The fire at this stage is largely contained but not yet controlled. The fire area is not expanding and firefighters have made great progress in putting in fire breaks around the perimeter of the fire area. Today we have diggers working in several areas to create fire breaks.
- Overall firefighting is starting to move from air-based to ground-based – water drops won’t put the fire out completely so is being backed up the heavy machinery to put fire breaks in and dig out the hot spots.
- Diggers are working at several locations.
- In those areas that diggers can’t access the focus is on dropping fire retardant to stop the spread of the fire.

- There's still a lot of dry vegetation and areas of extreme heat within the fire ground, so there's still a very real risk of flare-ups – especially with forecast north-east winds of up to 50km today.
- Two rural fire crews and two urban units will continue to monitor and patrol

### **Fire retardant**

There are 1700 pails of fire retardant powder coming in from Australia. The majority of these are to restock Canterbury's supplies, but some will be used.

The retardant is not harmful to the environment or animals.

The powder is mixed with water and then used.

About 134,600 litres of retardant has been dropped to date.

### **Total fire ban**

The total fire ban across Canterbury, from Hurunui to South Canterbury, was introduced with some urgency due to the large number of firefighting resources from across the region involved in the Port Hills fire operation limiting the ability to respond to other fires.

We would like to reiterate that people need to be extremely careful during outdoor activities to make sure no fires are inadvertently started.

The fire ban will be reviewed as conditions change

### **Power update:**

- Orion says that its network has suffered no further impacts from the Port Hills fire overnight and it is moving into recovery mode today.
- Currently around 93 customers remain without power in the Port Hills area.
- Orion has now been given permission to gain limited access to fire affected areas to assess the damage to its network and begin the process of restoring power to homes. This process has started in Early Valley Road, where around 19 homes are beginning to be connected.
- Restoring services to homes in the area will be done progressively, and is expected to take up to a week. Each home will need to be checked to ensure power can be turned back on safely.
- The major power lines in the Port Hills are now live following surveying checks to ensure they were safe to re-commence providing power to the city.
- Fires continue to present a risk to power supply and the situation remains fragile. It is possible that there will be further outages until the fires are fully extinguished.

We have produced the following fact sheet for residents.

# Information fact sheet

## Hot topics

### Cordons:

- The lifting of remaining cordons is a high priority for emergency services
- A map showing current cordons is available online at [www.tfc.govt.nz](http://www.tfc.govt.nz)
- Safety is the determining factor in whether cordons remain or have been lifted
- Cordons can be lifted only after full risk assessments have been completed.
- This work includes expert assessment of the fire hazard, the danger posed by damaged structures, environmental hazards such as asbestos, and geotechnical hazards caused by the loss of vegetation.

### Access to severely damaged or destroyed properties:

- Agencies are working together to develop a process for residents whose homes have suffered severe or total damage and remain cordoned to register their contact details.
- People can call the Christchurch City Council contact centre on 941 8999 to register.
- People will be asked to provide their contact details, the address of their damaged property and the reason they need to return.
- If their property is considered safe to visit, a time will be arranged for them to be taken in behind the cordon to visit their property for a short time, accompanied by a police officer and a fire officer.
- Visits will be prioritised according to urgency, based on the need to collect essential items such as medical supplies, to retrieve or provide care for pets or livestock, or to collect items essential for work or study.

### Emergency accommodation:

- Civil Defence can provide up to 3 nights for people affected by the fires.
- Visit the Recovery Assistance Centre at Te Hapua Halswell Centre if you need this service. The centre is open on Saturday and Sunday from 10am to 4pm.

### Insurance

- TALK TO YOUR INSURER BEFORE YOU START ANY CLEAN-UP OR REPAIRS
- Most policies will cover you for the cost of cleaning and repairs
- Most policies will cover you for alternative accommodation if you cannot return to your home

Victim Support – 0800-842-846

## Financial Hardship

- If you are suffering financially because of the fires, contact the Ministry of Social Development/Work and Income NZ

## Health

- The Canterbury District Health Board advises there is no health risk from the smell of smoke that may be lingering in your home.
- If you feel your health is being affected, contact your GP

## Animal Welfare

- See the information above about cordons
- If you are worried about animals remaining inside the cordon, call the Christchurch City Council contact centre on 941-8999 to register your contact details so that a visit to your property can be arranged if that is deemed possible

Helpful on-the-ground information channels are:

<https://www.facebook.com/ChristchurchCDEM/>

<https://ccc.govt.nz/the-council/newsline/>

If you wish to be removed from this list, or have someone added please let us know.

From: Templeton, Sara  
Sent: Friday, 17 February 2017 7:49 p.m.  
To: EOC Controller; Councillors and Mayor  
Cc: Edwards, Karleen; Executive Leadership Team; Shirlaw, Nicola; Smith, Ariana  
Subject: Re: Briefing for Elected Members

Thanks for that. Can I suggest that you rename the fact sheet for residents as Key Information rather than Hot Topics? It's a poor though unintended pun.

Cheers,

Sara.

Cr Sara Templeton  
Heathcote Ward  
Christchurch City Council  
021 0367672

Sent from my Samsung device

----- Original message -----

From: EOC Controller <[eoctransport@ccc.govt.nz](mailto:eoctransport@ccc.govt.nz)>  
Date: 17/02/17 7:41 PM (GMT+12:00)  
To: Councillors and Mayor [REDACTED]  
Cc: "Edwards, Karleen" [REDACTED] Executive Leadership Team [REDACTED] "Shirlaw, Nicola"  
[REDACTED] "Smith, Ariana" [REDACTED]  
Subject: Briefing for Elected Members

Please find attached briefing and public information notice.

Please note this is not for public distribution. CDEM will release the public information when action has been taken and all approved.

Thank you for your co-operation.

CD Controller

From: Johanson, Yani (Private)  
Sent: Friday, 17 February 2017 8:12 p.m.  
To: Templeton, Sara  
Cc: Executive Leadership Team; Councillors and Mayor; Smith, Ariana; Shirlaw, Nicola; Edwards, Karleen; EOC Controller  
Subject: Re: Briefing for Elected Members

Thanks. A bit more clarification around civil defence providing 3 nights accommodation would be good like what is this and where is it? Also can we use the council 0800 number 0800 800 169 I think as well as the landline one?  
Finally be good to say something publicly about the heritage bldgs in some update. I have some info but have been advised not to circulate it to the public.  
Cheers  
Yani

On 17 Feb 2017 7:48 p.m., "Templeton, Sara" <[Sara.Templeton@ccc.govt.nz](mailto:Sara.Templeton@ccc.govt.nz)> wrote:

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\*\*\*\*\*

From: EOC Controller  
Sent: Friday, 17 February 2017 8:32 p.m.  
To: Johanson, Yani (Private); Templeton, Sara  
Cc: Executive Leadership Team; Councillors and Mayor; Smith, Ariana; Shirlaw, Nicola; Edwards, Karleen; EOC Public Information Management  
Subject: RE: Briefing for Elected Members

Yani

In relation to accommodation there is currently no set venue and the needs are addressed by the welfare staff as affected people come and register. Accommodation venues depend on availability and individual needs of those affected. For example during the Kaikoura earthquakes, accommodation included local Lodges, Motor camps and Motels. Note there is very few people seeking accommodation.

We are advertising the 0800 number as an option for a number to call.

We will cover the heritage buildings in future public information updates as appropriate.

Thanks  
Dave Adamson  
CD Controller

From: Yani Johanson [<mailto:yani.johanson@gmail.com>]  
Sent: Friday, 17 February 2017 8:12 p.m.  
To: Templeton, Sara  
Cc: Executive Leadership Team; Councillors and Mayor; Smith, Ariana; Shirlaw, Nicola; Edwards, Karleen; EOC Controller  
Subject: Re: Briefing for Elected Members

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Cc: "Edwards, Karleen" [REDACTED] Executive Leadership Team [REDACTED] "Shirlaw, Nicola"  
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Subject: Briefing for Elected Members

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\*\*\*\*\*

From: Manji, Raf  
Sent: Friday, 17 February 2017 8:15 p.m.  
To: [REDACTED]  
Cc: Dalziel, Lianne; Buck, Vicki  
Subject: Re: Port Hills

Hi [REDACTED]

I have no doubt that plantings and vegetation on the Port Hills will be looked at, as part of a review of what's just happened.

Stay safe.

Kind regards,

Raf

Raf Manji,  
Chair of the Strategy and Finance Committee, Councillor for Fendalton-Waimairi, Christchurch City Council.

(m) 027 418 5119

>On 17/02/2017, at 4:26 PM, [REDACTED] wrote:

>  
> Hi Lianne and Raf and Vicki  
> We live on [REDACTED] near a small Pine tree plantation. It is quite scary...  
> I am amazed that Authorities allow land owners, to plant large pine tree forests on the Port Hills??  
> The Port Hills are always dry and warm. It's climate is similar to  
> that in California.(our daughter lives in Santa Barbara) Planting Pine trees on the Port Hills is the same as laying land mines. They are an explosion waiting for a spark to trigger it!!  
> This disaster was made by the people of ChCh who planted inappropriately there...It is not an act of God.  
> It is an act of stupidness, allowed by Councils and other authorities.  
> I watch seagulls dropping shell fish from high in the sky in order to open their shells. A spark from this activity is all it takes to start a fire. Also smokers, and pyromaniacs can't be ignored.  
> In my opinion the only planting on the Port Hills should be Native plants (to the area), succulents, or nothing at all...  
> Please do something to stop this stupid behaviour.  
> Regards  
> [REDACTED]  
>  
>  
> STADIUM-STADIUM-STADIUM-STADI  
> Me - [REDACTED] ☺

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 10:20 p.m.  
To: Dalziel, Lianne  
Subject: FW: Port Hills fire - more cordons removed

FYI

---

From: Hon Ruth Dyson [<mailto:Ruth.Dyson@parliament.govt.nz>]  
Sent: Friday, 17 February 2017 10:04 p.m.  
To: EOC Public Information Management  
Subject: RE: Port Hills fire - more cordons removed

It says a meeting about the Port Hills response. This is quite different than a meeting to update people. And thanks for not letting me know about it as the local MP!!!  
jeepers. and you truly think a txt at 10pm for a 10am mtg to evacuated people is ok?

I disagree. I think you have seriously misinterpreted what people want.

Ruth

---

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 9:59:50 p.m.  
To: Hon Ruth Dyson  
Subject: RE: Port Hills fire - more cordons removed

Hi Ruth,

We are aware this may not be suitable for some, however are trying to responding to the need that has been identified. Given the calls for more and urgent information it was deemed that the sooner a meeting could be arranged the better.

The public meeting is just one way for people to receive information, and it is possible more will be arranged as the situation develops.

Regards

Ross Pringle

Christchurch Civil Defence public information team

---

From: Hon Ruth Dyson [<mailto:Ruth.Dyson@parliament.govt.nz>]  
Sent: Friday, 17 February 2017 9:54 p.m.  
To: EOC Public Information Management  
Subject: RE: Port Hills fire - more cordons removed

I am just checking on this. I am wanting to check if you have seriously just invited people who have been evacuated for 3 days to a meeting to discuss the response and have given them just 12 hours notice of this meeting? some of these people are only able to access their homes 3 hours ago. some still don't have access.

Seriously it's tomorrow morning?

thanks

Ruth Dyson

---

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 7:52:56 p.m.  
Subject: Port Hills fire - more cordons removed

Authorities remove several more fire cordons

Authorities have lifted several further cordons after assessing the risk from the Port Hills fire.

Cordons along Cashmere Road have been removed where it intersects with:

- Shalamar Drive
- Worsleys Road
- Opihi Street
- Hendersons Road
- Sutherlands Road

A cordon is in place at the intersection of Hoon Hay Valley Road and Cashmere Road meaning Hoon Hay Valley Road remains closed to the public.

The cordon at the intersection of Kennedys Bush Road and Cashmere Road is moved to the other side of the intersection, keeping the uphill section of Kennedys Bush Road closed.

Christchurch Civil Defence controller Dave Adamson says the ground crews have worked very hard to do the necessary risk assessment to enable people in these areas to return to their properties.

"This is a significant step and we appreciate everybody's patience to date, and hope others will take this as a sign that we are working as hard as possible to make sure it is safe for them to return home."

There are still cordons in place in the following areas:

- Beyond 327 Worsleys Road
- Dyers Pass Road at Hackthorne lower and upper intersections
- Dyers Pass Road at Governor's Bay Road
- Summit Road and Gebbies Pass Road

\*\*\*\*\*

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\*\*\*\*\*

From: [REDACTED]  
Sent: Friday, 17 February 2017 10:43 p.m.  
To: [REDACTED]  
Subject: Re: Worsley Road (Christchurch) Upset and out of business farmer

Hi

I am sorry to hear about the way you have been treated. Thank you for the support you have shown those needing accommodation. I have asked our emergency controllers to respond to you directly as they will be able to give you the best information.

Cheers  
Sam Broughton

On 17/02/2017, at 8:19 PM, [REDACTED] wrote:

Good Evening

We have been enduring the Port Hills fires along with all of the other residential occupants. We have a lease block at the Adventure Park which holds around 250 head of cattle at the moment. Their safety has been paramount to us this week and we have had difficult decisions to make. This is a significant business operation. The block has been leased by [REDACTED] for about ten years.

We are incredibly disappointed at the treatment we have received during the entire event. Please understand firstly that our hearts go out to the residential occupants. We have offered our farm cottage for accommodation and have an evacuated family in an empty family owned house in Halswell. We will do anything more to help families who have lost property and treasures.

At no time throughout this event have we been notified or contacted by anyone other than neighbours or friends about the situation. [REDACTED] has extensive knowledge of the environment, weather and wind patterns and ground conditions and this would have been invaluable to the effort. The cattle have survived due to consistent observation and assessment from outside the cordon.

However yesterday (Thursday 16th Feb) at around 9.00am the unrestrained disregard and disrespect for this farming venture, property and public safety was unleashed. The contractor CCL [REDACTED] took it upon himself and his staff to drive machinery employed to create fire breaks, through fences, gates and water pipes, rather than taking the established lane ways and gate ways to get to the desired point. This action was totally unnecessary and destructive and created more problems to public safety that it solved, and continues to do so. Our cattle are now free to roam from the hill top to Colombo Street. [REDACTED] approached the digger driver he encountered and advised him of this, and requested he stop his destruction and use the appropriate approaches. He was told "we can do whatever the \*\*\* we want." Today he was phoned and sworn at and abused by the Contractor who told him he didn't give a \*\*\* about him or his cattle. Directly after this conversation the contractor went and destroyed the remaining gates and posts that would have contained cattle safely.

We are now faced with a farm that is unusable and cattle we cannot move. (The cattle loading ramp has also been destroyed despite it posing no problem to anyone). We have numerous issues surrounding this whole situation. Who do we talk to? Who should have been talking to us? Why were we treated like this and who is there for people like us who obviously don't mean a thing to the rest of the world.

We are good people and this is evident by the amount of support and offers of help people have given us. We do a lot for our community. When did farmers and the farmer sector become the lowest form of society? We have lost the majority of our livelihood.

We would like these facts to be considered and conveyed. It is disappointing and one sided for the media to unquestionably praise this CCL contractor. This behaviour is unprofessional, unnecessary and very unsafe. The lack of communication on the whole is destructive and hazardous.

I await your response and I would appreciate further action. We are available for comment and always have been.

Kind regards

[REDACTED] and [REDACTED]

[REDACTED]

From: Ruth Dyson  
Sent: Friday, 17 February 2017 10:43 p.m.  
To: Dalziel, Lianne  
Subject: RE: Fwd: Port Hills fire - more cordons removed

ok. try to see you there. sigh.

Ruth

---

From: Dalziel, Lianne  
Sent: Friday, 17 February 2017 10:32:25 p.m.  
To: Hon Ruth Dyson  
Subject: Fwd: Port Hills fire - more cordons removed

Hi Ruth - I just called into the EOC - they showed me your email. This will not be the only meeting. It is intended to be for residents to update as best we can and I'm sorry I forgot to ensure you were included on the list. I hosted a dinner for the US Coast guard tonight, so I was off line for a while. I'm going out to Halswell Quarry at 7am to acknowledge all the firefighting crews with Mayor Sam - please come with me. We can talk about getting this right and I will explain some of the problems we are having - see you then. Lianne

From: Hon Ruth Dyson [mailto:[Ruth.Dyson@parliament.govt.nz](mailto:Ruth.Dyson@parliament.govt.nz)]

Sent: Friday, 17 February 2017 10:04 p.m.

To: EOC Public Information Management

Subject: RE: Port Hills fire - more cordons removed

It says a meeting about the Port Hills response. This is quite different than a meeting to update people. And thanks for not letting me know about it as the local MP!!! jeepers. and you truly think a txt at 10pm for a 10am mtg to evacuated people is ok?

I disagree. I think you have seriously misinterpreted what people want.

Ruth

---

From: EOC Public Information Management  
Sent: Friday, 17 February 2017 9:59:50 p.m.

To: Hon Ruth Dyson

Subject: RE: Port Hills fire - more cordons removed

Hi Ruth,

We are aware this may not be suitable for some, however are trying to responding to the need that has been identified. Given the calls for more and urgent information it was deemed that the sooner a meeting could be arranged the better.

The public meeting is just one way for people to receive information, and it is possible more will be arranged as the situation develops.

Regards

Ross Pringle

Christchurch Civil Defence public information team

From: Hon Ruth Dyson [mailto:[Ruth.Dyson@parliament.govt.nz](mailto:Ruth.Dyson@parliament.govt.nz)]

Sent: Friday, 17 February 2017 9:54 p.m.

To: EOC Public Information Management

Subject: RE: Port Hills fire - more cordons removed

I am just checking on this. I am wanting to check if you have seriously just invited people who have been evacuated for 3 days to a meeting to discuss the response and have given them just 12 hours notice of this meeting? some of these people are only able to access their homes 3 hours ago. some still don't have access.

Seriously it's tomorrow morning?

thanks

Ruth Dyson

---

From: EOC Public Information Management

Sent: Friday, 17 February 2017 7:52:56 p.m.

Subject: Port Hills fire - more cordons removed

Authorities remove several more fire cordons

Authorities have lifted several further cordons after assessing the risk from the Port Hills fire.

Cordons along Cashmere Road have been removed where it intersects with:

- Shalamar Drive
- Worsleys Road
- Opihi Street
- Hendersons Road
- Sutherlands Road

A cordon is in place at the intersection of Hoon Hay Valley Road and Cashmere Road meaning Hoon Hay Valley Road remains closed to the public.

The cordon at the intersection of Kennedys Bush Road and Cashmere Road is moved to the other side of the intersection, keeping the uphill section of Kennedys Bush Road closed.

Christchurch Civil Defence controller Dave Adamson says the ground crews have worked very hard to do the necessary risk assessment to enable people in these areas to return to their properties.

"This is a significant step and we appreciate everybody's patience to date, and hope others will take this as a sign that we are working as hard as possible to make sure it is safe for them to return home."

There are still cordons in place in the following areas:

- Beyond 327 Worsleys Road
- Dyers Pass Road at Hackthorne lower and upper intersections
- Dyers Pass Road at Governor's Bay Road
- Summit Road and Gebbies Pass Road

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This electronic email and any files transmitted with it are intended solely for the use of the individual or entity to whom they are addressed.

The views expressed in this message are those of the individual sender

|  |  |                |
|--|--|----------------|
| 1. Incident Name<br>Port Hills Complex | 2. Operational Period<br>Date: 17-18/02/2017<br>Time: 1930 hours to 0730 hours | AP COVER SHEET |
|--|--|----------------|

## ACTION PLAN

The items checked below are included in the Action Plan

- SITUATION REPORT
- INCIDENT OBJECTIVES
- ORGANISATIONAL LIST
- COMMUNICATIONS PLAN
- SECTOR ASSIGNMENT
- SAFETY PLAN
- MEDICAL PLAN
- FIRE MAPS
- WEATHER FORECAST
- SMOKE PROPAGATION MODELLING

|   |        |  |
|---|--------|--|
| 3. Approved by Incident Controller:<br><br>Richard McNamara | Signed | Date/Time<br>Date: 17/02/2017<br>Time: |
|---|--------|--|

|   |  |                           |
|---|--|---------------------------|
| 1. Incident Name<br>Port Hills Complex  | 2. Operational Period<br>Date: 17 February 2017<br>Time: 1530hrs | SITUATION REPORT<br>RF201 |
| 3. Location<br>Marleys Hill and Early Valley  | 4. Vegetation<br>Forest/Scrub/Grass/Slash                        | 5. NZ Topo50 Grid Ref.    |
| <b>6. Assessment</b>  |  |                           |
| <p>The Port Hill fires (Early Valley &amp; Marleys Hill) merged into one following the significant escalation of the fire during the afternoon and evening of the 15 February. The area of the fire is now 2075ha and this area was contained during the day time operational period of the 16th. This containment was confirmed when the fire perimeter was flown early morning of the 16<sup>th</sup> and was then re-flown in the afternoon with no detectable change. Fire ground observers have identified locations requiring continued suppression efforts and they include the area above Dyers Pass Road below Sign of the Kiwi into Victoria Park, in and around Sugar Loaf, the area around Marleys Hill and the southern flank of the fire which potentially could blow out into unburnt fuel. The fire runs on the 15<sup>th</sup> took the fire into close proximity of the dense residential housing of Westmoreland.</p> <p>There have been a significant number of properties affected. The confirmed number of destroyed structures is 11 houses and 2 large sheds. The perimeter which is over 29km has 21% confirmed as controlled which has been defined as bare earth or blacked out ground for at least 10 metres. The actual percentage of perimeter that is controlled is expected to be more than 21% and the state of the perimeter is currently being assessed by ground staff.</p> <p>Metservice Port Hills 1515; 16 degree, 99% RH, rain 0.2mm and average wind NE 22km/hr.</p> |  |                           |
| <b>7. Action taken</b>  |  |                           |
| <p>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.</p> <p>Works during yesterday focussed on maintaining and installing control lines with heavy machineries and crews, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there are 20 crews working. The night shift continued suppression efforts and utilised thermal imaging cameras.</p> <p>A number of evacuations were undertaken on Wednesday as the fire has compromised properties in the Worsleys, Hoon Hay Valley, Kennedys Bush Roads and Dyers Pass Road. Many other households have self-evacuated. Actual number of people affected is unknown.</p> <p>Assessment of properties under way so that people can be provided with information regarding their homes. As at 1500 the cordon for Westmorland had been lifted and residents have been allowed to return to their homes. In the meantime road closures continue at Hoon Hay Valley Road, Kennedys Bush Road and Dyers Pass Road with police and defence manning road blocks. There is a Welfare Centre at the Halswell Library being managed by Civil Defence.</p> <p>Restricted Air Space remains in place – extend to 3,500ft up. Power authorities are working to repair damaged infrastructure. A total Fire Ban is in places.</p>  |  |                           |

## 8. Factors

Key factors are

- Residents are wishing to return to their houses ASAP.
- Smoke reducing visibility
- Steep and dissected hill country posing difficulty with access
- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry
- Continued significant resource commitment in terms of personnel and equipment
- Limited water supplies close to the fire ground are being exhausted.
- Damage to power infrastructure.
- Powerlines and Adventure Park zip lines pose a hazard to aircraft.
- Fire crews, helicopter personnel and management staff fatigue.
- Damp weather and high humidity's will have safety implications with regard to ground operations, slip hazards and vehicle access, and air operations will be affected by the low cloud.

## 9. Predicted Incident Development

Today NE winds are expected to increase to 35 km/hr and gusting to 50km/hr. The RH is also expected to increase 85-95% as drizzle develops in the afternoon. Most intense precipitation is expected mid-afternoon but less than 2mm expected until 2400. These conditions are expected to result in moderate fire behaviour although increasing wind may flare up hot spots. The high RH and drizzle will make new fires less likely to develop. On Saturday the drizzle is expected to turn to light rain with continued NE winds, these will be good conditions for blacking out the fire perimeter. Areas of concern are the land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.

10. Prepared by: Patrik Eschenmoser

Date/Time 17/02/2017 1530 hrs

|   |  |                            |
|---|--|----------------------------|
| 1. Incident Name<br>Port Hills Complex  | 2. Operational Period<br>Date: 17-18/02/2017<br>Time: 1930 hours to 0730 hours | <b>INCIDENT OBJECTIVES</b> |
| 3. Overall Incident Objectives  |  |                            |
| <ul style="list-style-type: none"> <li>1. To protect life by ensuring the safety of residents/public and all personnel.</li> <li>2. Protect all identified values/assets under threat, where it is safe to do so.</li> <li>3. Patrol and maintain control lines, where it is safe to do so.</li> </ul>  |  |                            |
| 4. Objectives for the specified Operational Period  |  |                            |
| <p>1a) Clearly identify fireground and any other areas of risk</p> <p>1b) Ensure access to fireground is restricted to trained, competent and assigned personnel only</p> <p>1c) Ensure Safety Officer/s are appointed, briefed and actively managing safety risks</p> <p>1d) Provide clear briefings and command and control and communications</p> <p>2a) Identify all assets that may be at threat within the operational period</p> <p>2b) Assess each asset for likelihood of successful protection</p> <p>2c) Assess resources available over operational period</p> <p>2d) Prioritise sites or secure more resources if insufficient for protection of all assets</p> <p>2e) Ensure security of evacuated areas is maintained</p> <p>3a) Crews to have LACES in place prior to executing of task.</p> <p>3b) Crews patrol control lines and maintain blackout, where safe to do so.</p> <p>.</p> |  |                            |
| 5. Prepared by: Patrik Eschenmoser  | Date/Time 17/02/2017 17:30   |                            |

|  |  |                      |
|--|--|----------------------|
| 1. Incident Name<br>Port Hills Complex | 2. Operational Period<br>Date: 17-18/02/2017<br>Time: 1930 hours to 0730 hours | ORGANISATION<br>LIST |
| <b>3. Incident Control</b>             |  |                      |
| Incident Controller                    | Pete Scarlet   | [REDACTED]           |
| Internal Comms Officer                 |  |                      |
| External Comms Officer                 |  |                      |
| Liaison Officer                        |  |                      |
| Safety Officer                         |  | [REDACTED]           |
| RIMT IC                                | Richard McNamara   |                      |
| CCC PRFO                               | Darryn Woods   |                      |
| DOC                                    | Craig Alexander  | [REDACTED]           |
| <b>4. Planning Section</b>             |  |                      |
| Planning Manager                       |  |                      |
| Dept Planning/Intel Manager            |  |                      |
| Management Support                     |  |                      |
| Situation Unit                         |  |                      |
| Resource Leader                        |  |                      |
| Resources                              |  |                      |
| Fire Behaviour                         |  |                      |
| Fire Investigation                     |  |                      |
| Ground Observers                       |  |                      |
| Ground Observers                       |  |                      |
| <b>5. Operations Section</b>           |  |                      |
| Operations Manager                     | Kerry O'Neill  | [REDACTED]           |
| Deputy Operations Manager              |  |                      |
| Air Attack Supervisor                  |  |                      |

|                                  |                    |           |                  |
|----------------------------------|--------------------|-----------|------------------|
| Air Support Supervisor           |                    |           |                  |
| Assistant Air Support Supervisor |                    |           |                  |
| Agency Representatives           |                    |           | _____            |
| NZFS                             |                    |           |                  |
|                                  |                    |           |                  |
| 6. Logistics Section             |                    |           |                  |
| Logistics Manager                |                    |           |                  |
| Logistics                        |                    |           |                  |
| Supply                           |                    |           |                  |
| Finance Unit                     |                    |           |                  |
| Comms                            |                    |           | _____            |
| 8. Prepared by:                  | Patrik Eschenmoser | Date/Time | 17/02/2017 17:30 |

|  |  |                     |
|--|--|---------------------|
| 1. Incident Name<br>Port Hills Complex | 2. Operational Period<br>Date: 17-18/02/2017<br>Time: 1930 hours to 0730 hours | COMMUNICATIONS PLAN |
|--|--|---------------------|

3. Radio Channels

| Assigned To          | Function    | Channel | Frequency | System |
|----------------------|-------------|---------|-----------|--------|
| IMT                  | Command     | ESB164  |           |        |
| Air                  | Air Support | FIRE4   |           |        |
| Alpha Marleys        | Crews       | Fire2   |           |        |
| Bravo Early Valley   | Crews       | Fire3   |           |        |
| Charlie Early Valley | Crews       | Fire3   |           |        |
| Echo Governors Bay   | NZFS Crew   | Fire1   |           |        |

4. Telephone

| Assigned To     | Landline | Cellphone | Fax | Comments         |
|-----------------|----------|-----------|-----|------------------|
| Kirsty Percasky |          |           |     | SFP Sign of Kiwi |
| Sarah Ensor     |          |           |     | SFP Sign of Kiwi |
| Colleen Cooper  |          |           |     | SFP Sign of Kiwi |
| Rachel Pelvin   |          |           |     | SA Marleys       |
| Sasha Roselli   |          |           |     | SA Marleys       |

5. Other (eg, email, Satphone, etc)

|                    |                    |  |  |                           |
|--------------------|--------------------|--|--|---------------------------|
| Logistics          |                    |  |  | logistics@selwyn.govt.nz  |
| Operations         |                    |  |  | operations@selwyn.govt.nz |
| Public Information |                    |  |  | pim@selwyn.govt.nz        |
| Planning           |                    |  |  | Eoc.plan@selwyn.govt.nz   |
| Welfare            |                    |  |  | welfare@selwyn.govt.nz    |
| Contact 111        | If fire escalates. |  |  |                           |

|  |                               |
|--|-------------------------------|
| 10. Prepared By:<br>Patrik Eschenmoser | Date/Time<br>17/02/2017 17:30 |
|--|-------------------------------|

| 1. Incident Name<br>Port Hills Complex  |                          | 2. Operational Period<br>Date: 17-18/02/2017<br>Time: 1930 hours to 0730 hours |                            | SECTOR<br>ASSIGNMENT |       |
|---|--------------------------|--|----------------------------|----------------------|-------|
| 3. Sector   | 4. Description<br>Patrol |  |                            |                      |       |
| 5. Sector Supervisor: Barry Hunt  |                          |  |                            |                      |       |
| 6. Resources Assigned this period   |                          |  |                            |                      |       |
| Resource Crew   | Leader                   | # Persons  | Vehicles                   | Cell phones          | Radio |
| City Care Ltd   | Dave Reese               | 3  | Smokechaser & Tanker       | [REDACTED]           |       |
| DOC West Coast  | Gavin Collis             | 4  | 4x4 & Handtools            | [REDACTED]           |       |
| NZFS  | Mike Dombrowski          | 2  | Command unit               |                      |       |
| NZFS  | James Weston             | 4  | Pump                       |                      |       |
| 7. Sector Assignment / Special Instructions<br>Carry out site assessments of all significant structures within the cordon. All crews to work with handheld thermal imaging cameras to assess hotspots within 50 metres of structures and record results as per sheet provided |                          |  |                            |                      |       |
| 10. Prepared By: Patrik Eschenmoser   |                          |  | Date/Time 17/02/2017 17:30 |                      |       |

|  |  |                    |
|--|--|--------------------|
| 1. Incident Name<br>Port Hills Complex | 2. Operational Period<br>Date: 17-18/02/2017<br>Time: 1930 hours to 0730 hours | <b>SAFETY PLAN</b> |
|--|--|--------------------|

## 6. General Safety Points

**Particular care around dangerous trees within the fire perimeter. Trees marked as dangerous (two pink tapes around trunk) require a two tree length safety cordon.**

**Extreme caution with any structure protection above Governors Bay and Allendale.**

| <b>ACES</b>   | <b>Fire Orders</b>  | <b>Watchouts</b>   |
|---|---|--|
| <b>L - Lookout(s)</b><br><b>A – Anchor Point(s)</b><br><b>C –</b><br><b>Communication(s)</b><br><b>E – Escape Route(s)</b><br><b>S – Safety Zone(s)</b> | <ol style="list-style-type: none"> <li>1. <b>Fight fire aggressively but provide for safety first.</b></li> <li>2. <b>Initiate all action based upon current and expected fire behaviour.</b></li> <li>3. <b>Recognise current weather conditions and obtain forecasts.</b></li> <li>4. <b>Ensure instructions are given and understood.</b></li> <li>5. <b>Obtain current information on fire status.</b></li> <li>6. <b>Remain in Communication with crew members, your supervisor and adjoining forces.</b></li> <li>7. <b>Determine safety zones and escape routes.</b></li> <li>8. <b>Establish lookouts in potentially hazardous situations.</b></li> <li>9. <b>Retain control at all times.</b></li> </ol> <p><b>Stay alert, keep calm, think clearly, act decisively.</b></p> | <ol style="list-style-type: none"> <li>1. Fire size is unknown.</li> <li>2. Unfamiliar territory.</li> <li>3. No escape route.</li> <li>4. Don't know local weather.</li> <li>5. Uninformed on strategy, tactics and hazards.</li> <li>6. Instructions and assignments not clear.</li> <li>7. No communications link with crew members or supervisor.</li> <li>8. Constructing fireline without safe anchor point.</li> <li>9. Constructing fireline downhill with fire below.</li> <li>10. Attempting frontal assault on fire.</li> <li>11. Unburned fuel between you and the fire.</li> <li>12. Cannot see main fire, not in contact with anyone who can.</li> <li>13. On hillside where rolling material can ignite fuel below.</li> <li>14. Weather is getting hotter and drier.</li> <li>15. Wind increases and/or changes direction.</li> <li>16. Getting frequent spot fires across the line.</li> <li>17. Terrain and fuels make escape to safety zones difficult.</li> <li>18. Taking a nap near the fire line.</li> <li>19. Working with machinery</li> <li>20. Working with aircraft</li> <li>21. Working around trees</li> </ol> |

#### 4. Specific Safety Points

- Off and on highway within cordon – speed limit of 30km, headlights and seatbelts on at all times
- Competent four wheel drivers for off road
- Power lines/poles/pylons within the fire ground have been assessed.
- **MAINTAIN A SAFE DISTANCE OF 30M FROM THESE STRUCTURES**
- **FIRE GROUND WILL BECOME SLIPPERY IF SHOWERS OCCUR**
- Maintain hydration and nutrition levels
- Wasps and bees present
- Dust and smoke inhalation
- Steep terrain – potential rockfalls, bluffs present
- Report all accident and near misses
- Sun exposure/hypothermia
- Aircraft movements around heli operations and water bombing
- Heavy machinery operations
- Potential rootballs dislodging
- Unstable trees with damaged root structures
- Beware of public, farmers, recreational users, and stock – contact line manager if issues arise.
- Pink ribbons tied around dangerous trees – unsafe – stay 2 times the height of the tree away

5. Prepared By: Patrik Eschenmoser

Date/Time 17/02/2017 17:30

|   |                  |   |                            |  |             |             |
|---|------------------|---|----------------------------|--|-------------|-------------|
| 1. Incident Name<br>Port Hills Complex  |                  | 2. Operational Period<br>Date: 17/02/17 - 2000 to 0800<br>Time: |                            | MEDICAL PLAN                               |             |             |
| 3. First Aid Station<br><i>Name</i>   |                  | <i>Location</i>   | <i>Phone/Radio Channel</i> | <i>Paramedics available at Station</i>     |             |             |
| Stu   |                  |   |                            |  |             |             |
| Kurt  |                  |   |                            |  |             |             |
| Paddy   |                  |   |                            |  |             |             |
| Fiona   |                  |   |                            |  |             |             |
| 4. Transportation<br><i>Ambulance Service</i>   |                  | <i>Address</i>  | <i>Phone/Radio Channel</i> | <i>Paramedics available with Ambulance</i> |             |             |
| Westpac Rescue Helicopter   |                  | 515 Memorial Ave  | 03358244                   |  |             |             |
| 5. Hospitals<br><i>Hospital Name</i>  |                  | <i>Address</i>  | <i>Phone</i>               | <i>Travel Time</i>                         | <i>Burn</i> | <i>Heli</i> |
| Christchurch Public Hospital  | Hagley Park      | 03 264 0640   | 1 hr                       | 20 min                                     |             |             |
| Burwood Hospital  | 300 Burwood Road | 03 383 6836   | 1.5 hr                     | 30 min                                     |             |             |
| CDHB HPO Matt Willoughby  | [REDACTED]       |   |                            |  |             |             |
|   |                  |   |                            |  |             |             |
| 6. Special Emergency Procedures   |                  |   |                            |  |             |             |
| Notify line supervisor immediately in the event of injury or emergency call being made, |                  |   |                            |  |             |             |
| 7. Prepared By:<br>PatrikEschenmoser  |                  | Date/Time:  |                            |  |             |             |
| 8. Reviewed by Safety Officer:  |                  | N/A   | Date/Time                  |  |             |             |

# Weather Forecast

## Now to 6 pm today

- Sustained wind: E to NE 10-20 km/h.
- Wind gusts: 30-45 km/h, with the strongest gusts during the afternoon and evening as well as over higher terrain.
- Minimum relatively humidity: 75-85% during the late afternoon.
- Precipitation: threat for passing light rain showers. Rainfall ending 6 pm today of 2 mm or less.
- Note: Risk for low cloud and fog reducing visibility, particularly over the higher terrain.

## 6 pm today to 6 am Saturday

- Sustained wind: E to NE 15-25 km/h, perhaps easing a bit to 10-20 km/h after midnight.
- Wind gusts: to 40-50 km/h, with the strongest gusts over higher terrain. Gusts may decrease to 30-40 km/h after about 3-4 am.
- Maximum relatively humidity: 85-95%.
- Precipitation: threat for passing light rain showers. Rainfall, ending 6 am Saturday, of 2 mm or less.
- Note: Risk for low cloud and fog reducing visibility, particularly over the higher terrain.

## 6 am to 6 pm Saturday

- Sustained wind: NE 10-20 km/h, possibly becoming E and increasing to 15-25 km/h during the afternoon. Wind gusts 35-45 km/h (highest in the afternoon)
- Minimum relatively humidity: 80-90%.
- Precipitation: threat for passing light rain showers or drizzle. Rainfall of 3 mm or less.
- Note: Risk for low cloud and fog reducing visibility, particularly over the higher terrain.

## Outlook for Sunday

- Sustained wind: Northeast 10-20 km/h with gusts 30-45 km/h (highest in the afternoon).
- Minimum relative humidity: 65-75%.
- Slight chance of a passing light shower or two. Any rainfall 1 mm or less.
- Note: Risk for low cloud and fog reducing visibility, particularly over the higher terrain.

## Outlook for Monday

- Sustained wind: Northeast 15-30 km/h with gusts 40-50 km/h (highest in the afternoon).
- High temperature: 24-25 degrees.
- Minimum relative humidity: 65-75%.
- No precipitation expected at this time.

## Outlook for Tuesday

- Sustained wind: Northeast 15-25 km/h with gusts 35-45 km/h (highest in the afternoon).
- High temperature: 24-25 degrees.
- Minimum relative humidity: 60-70%.
- No precipitation expected at this time.

|                                      |                                |
|--------------------------------------|--------------------------------|
| 10. Prepared by: Seth Carrier (NIWA) | Date/Time<br>17/02/2017 - 1140 |
|--------------------------------------|--------------------------------|



|  |  |                |
|--|--|----------------|
| 1. Incident Name<br>Port Hills Complex | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930<br>hours | AP COVER SHEET |
|--|--|----------------|

## ACTION PLAN

The items checked below are included in the Action Plan

- SITUATION REPORT
- INCIDENT OBJECTIVES
- ORGANISATIONAL LIST
- COMMUNICATIONS PLAN
- SECTOR ASSIGNMENT
- SAFETY PLAN
- MEDICAL PLAN
- FIRE MAPS
- WEATHER FORECAST
- SMOKE PROPAGATION MODELLING

|   |        |  |
|---|--------|--|
| 3. Approved by Incident Controller:<br>Richard McNamara | Signed | Date/Time<br>Date: 17/02/2017<br>Time: |
|---|--------|--|

|   |   |                           |
|---|---|---------------------------|
| 1. Incident Name<br>Port Hills Complex  | 2. Operational Period<br>Date: 17 February 2017<br>Time: 1800 hrs | SITUATION REPORT<br>RF201 |
| 3. Location<br>Port Hills   | 4. Vegetation<br>Forest/Scrub/Grass/Slash                         | 5. NZ Topo50 Grid Ref.    |
| <b>6. Assessment</b>  |   |                           |
| <p>The Port Hill fires (Early Valley &amp; Summit Road) have now merged into one following the significant escalation of the fire during the afternoon and evening of the 15 February. The area of the fire is now 2075ha and this area has been contained during the day time operational period of the 16th. This containment was confirmed when the fire perimeter was re-flown on the afternoon of the 16th. Fire ground observers have identified locations requiring continued suppression efforts and they include the area above Dyers Pass Road below Sign of the Kiwi into Victoria Park, in and around Sugar Loaf, the area around Marleys Hill and the southern flank of the fire which potentially could blow out into unburnt fuel. The fire runs on the 15<sup>th</sup> took the fire into close proximity of the dense residential housing of Westmoreland.</p> <p>There have been a significant number of properties affected.</p> <p>At this moment the confirmed number of destroyed structures is 11 houses and 2 large sheds.</p> <p>Metservice weather Port Hills 0835; 17 degree, 88% RH and average wind E 20km/hr.</p>   |   |                           |
| <b>7. Action taken</b>  |   |                           |
| <p>Regional incident Management team remains in place, while a State of Emergency has been declared over both Christchurch and Selwyn.</p> <p>Works during yesterday focussed on establishing containment lines with heavy machinery, while continuing to use aircraft to contain breakouts. Rural and urban crews worked to provide asset protection and to strengthen controls lines where safe to do so, there were 20 crews working. The night shift continued suppression efforts and utilised thermal imaging cameras.</p> <p>A number of evacuations were undertaken on Wednesday as the fire has compromised properties in the Worsleys, Hoon Hay Valley, Kennedys Bush Roads and Dyers Pass Road. Many other households have self-evacuated. Actual number of people affected is unknown.</p> <p>Operations are working through a process to assess homes so people can return to their homes. Road cordons have been reviewed during Friday with some disestablished and others moved to allow some residents back to their homes.</p> <p>There is a Welfare Centre at the Halswell Library being managed by Civil Defence.</p> <p>Restricted Air Space remains in place – extend to 3,500ft up until midday Monday 20th February. Power authorities are working to maintain service.</p> |   |                           |

## 8. Factors

Key factors are

- Smoke reducing visibility
- Steep and dissected hill country posing difficulty with access
- Heavy fuel loads – mixtures scrub, tussocks and exotic and native forestry
- Continued significant resource commitment in terms of personnel and equipment
- Limited water supplies close to the fire ground are being exhausted.
- Damage to power infrastructure
- Fire crews, helicopter personnel and management staff fatigue. Rotation with resources from outside the region need to be considered.
- Damp weather and high humidity's will moderate fire behaviour and potentially aid fire suppression efforts. It will also have safety implications with regard to ground operations, slip hazards and vehicle access, and air operations will be affected by the low cloud.

## 9. Predicted Incident Development

On Saturday the drizzle is expected to turn to light rain with continued NE winds, these will be good conditions for blacking out the fire perimeter. Areas of concern are the land around Victoria Park and east of Dyers Pass Road, Marleys Hill electronic assets and the southern flank of the fire which has terrain and vegetation suitable for fire spread.

10. Prepared by: Bruce Pryor

Date/Time 17/02/2017 2137 hrs

|  |   |                            |
|--|---|----------------------------|
| 1. Incident Name<br>Port Hills Complex   | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930 hours | <b>INCIDENT OBJECTIVES</b> |
| 3. Overall Incident Objectives   |   |                            |
| <ul style="list-style-type: none"> <li>1. To protect life by ensuring the safety of all personnel and the public.</li> <li>2. Provide asset protection to all identified values under threat, where it is safe to do so.</li> <li>3. Ensure all required preparations for next operational period are completed</li> <li>4. Fire risk assessment to enable the public to return to buildings.</li> <li>5. Strengthen control line and join methodically to existing completed/safe cold line around the fire perimeter.</li> </ul>   |   |                            |
| 4. Objectives for the specified Operational Period   |   |                            |
| <p>1a) Clearly identify fireground and any other areas of risk</p> <p>1b) Ensure access to fireground is restricted to trained, competent and assigned personnel only</p> <p>1c) Ensure Safety Officer/s are appointed, briefed and actively managing safety risks</p> <p>1d) Provide clear briefings ad command and control and communications</p> <p>2a) Identify all assets that may be at threat within the operational period</p> <p>2b) Assess each asset for likelihood of successful protection</p> <p>2c) Assess resources available over operational period</p> <p>2d) Prioritise sites or secure more resources if insufficient for protection of all assets</p> <p>2e) Ensure security of evacuated areas is maintained</p> <p>3a) Ensure IMT has been briefed by night Ops before departing the fire ground to ensure any required activities or preparations for following operational period are understood</p> <p>3b) Sector Supervisor to confirm crew availability to Operations Manager no later than 1100 hours</p> <p>4a) Continuous fire risk assessment of buildings throughout the day.</p> <p>4b) Risk assessment results to CDEM</p> <p>5a) Starting from anchor points or safety zones, methodically work the perimeters with either hand tools, water or machinery to reinforce perimeter fire breaks.</p> <p>5b) Establish 10 metre control lines. In areas of concern or heavy vegetation increase the width to 20 metres.</p> <p>5c) Where possible GPS all completed line to be downloaded by situation at the end of shift.</p> <p>5d) Sector supervisors to liaise with Ops regarding helicopter water drops onto their sectors.</p> <p>5e) Perimeter containment to be extended to '20-metre black inside edge', right around the fire.</p> |   |                            |
| 10. Prepared by: Bruce Pryor   | Date/Time 17/02/2017 2137 hrs   |                            |

|  |   |                      |
|--|---|----------------------|
| 1. Incident Name<br>Port Hills Complex | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930 hours | ORGANISATION<br>LIST |
| 3. Incident Control                    |   |                      |
| Incident Controller                    | Richard McNamara  |                      |
| Internal Comms Officer                 | Stephen Hill  |                      |
| Liaison Officer                        | CDEM Group  |                      |
| Safety Officer                         | Graeme Knight   |                      |
| RIMT IC                                | Richard McNamara  |                      |
| 4. Planning Section                    |   |                      |
| Planning Manager                       | Tony Teeling  |                      |
| Dept Planning/Intel Manager            | Bruce Janes   |                      |
| Management Support                     | Pat Eschenmoser   |                      |
|  | Bruce Pryor   |                      |
|  | Emma Crampton   |                      |
| Situation Unit                         | Grant Pearce  |                      |
|  | Brian Keown   |                      |
| Resource Leader                        | Julie Woodward  |                      |
| Resources                              | John Skilton  |                      |
|  | Karen Lowry   |                      |
| Plans                                  | Allan Grigg   |                      |
| Fire Behaviour                         | Nathan Keoghan  |                      |
| Ground Observers                       | Shaun Tivers  |                      |
| Ground Observers                       | Paul Grover   |                      |
| Ground Observers                       | Steve Pemberton   |                      |
| Ground Observers                       | Brad Edwards  |                      |
| 5. Operations Section                  |   |                      |
| Operations Manager                     | Trevor Tidey  |                      |
| Deputy Operations Manager              | Bruce Janes   |                      |
| Air Attack Supervisor                  | Steve Oschner   |                      |

|  |   |                               |  |
|--|---|-------------------------------|--|
| Air Support Supervisor                 | Paul Fechney                                |                               |  |
| Air Support Supervisor                 | Dale Wilhelm                                |                               |  |
| Assistant Air Support Supervisor       | Carrie Lakin                                |                               |  |
| Agency Representatives                 |   |                               |  |
| SDC                                    | Douglas Marshall                            |                               |  |
| DOC                                    | Andy Thompson                               |                               |  |
| RF/CCC/CDEM                            | Darrin Woods                                |                               |  |
| 5. Logistics Section                   |   |                               |  |
| Logistics Manager                      | Janet Walsh                                 |                               |  |
| Supply                                 | Craig Westley                               |                               |  |
|  | NZDF  |                               |  |
| Finance Unit                           | Chris Tatterson                             |                               |  |
| Comms                                  | AM Leanne and Jason                         |                               |  |
|  | PM Heather and Ann Marie                    |                               |  |
| Princess Margaret Staging Area - Alpha | Kirsty Percasky - DOC                       |                               |  |
|  | Colleen Cooper                              |                               |  |
|  | Sam, Maggie and Craig                       |                               |  |
| Halswell Quarry Park Staging           | AM Pam Stevens & Christine                  |                               |  |
|  | PM Deb Webb & Rowell des Forges             |                               |  |
| Catering                               | Ready Response Team ( Doug Watt) until 1500 |                               |  |
|  | NZDF after 1500                             |                               |  |
| 8. 10. Prepared by: Bruce Pryor        |   | Date/Time 17/02/2017 2137 hrs |  |

|  |   |                     |
|--|---|---------------------|
| 1. Incident Name<br>Port Hills Complex | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930 hours | COMMUNICATIONS PLAN |
|--|---|---------------------|

3. Radio Channels

| Assigned To            | Function    | Channel        | Frequency | System     |
|------------------------|-------------|----------------|-----------|------------|
| IMT                    | Command     | ESB164         |           | [REDACTED] |
| Air                    | Air Support | FIRE3 CIMS 164 |           |            |
| Alpha port Hills       | Crews       | Fire3 CIMS164  |           |            |
| Bravo Early Valley     | Crews       | Fire3 CIMS 164 |           |            |
| Charlie Southern Flank | Crews       | Fire3 CIMS 164 |           |            |
| Deltas Air Ops         |             |                |           |            |
| Echo Governors Bay     | NZFS Crew   | Fire1          |           |            |

1. Telephone

| Assigned To       | Landline | Cellphone  | Fax | Comments             |
|-------------------|----------|------------|-----|----------------------|
| Kirsty Percasky   |          | [REDACTED] |     | SA Princess Margaret |
| Sarah Ensor       |          | [REDACTED] |     | SA Princess Margaret |
| Colleen Cooper    |          | [REDACTED] |     | SA Princess Margaret |
| Sam               |          |            |     | SA Princess Margaret |
| Maggie            |          |            |     | SA Princess Margaret |
| Craig             |          |            |     | SA Princess Margaret |
| AM Pam Stevens    |          |            |     | SA Halswell          |
| Christine         |          |            |     | SA Halswell          |
| Debb Webb         |          |            |     | SA Halswell          |
| Rowell des Forges |          |            |     | SA Halswell          |

2. Other (eg, email, Satphone, etc)

|                    |            |  |  |                           |
|--------------------|------------|--|--|---------------------------|
| Logistics          | [REDACTED] |  |  | logistics@selwyn.govt.nz  |
| Operations         | [REDACTED] |  |  | operations@selwyn.govt.nz |
| Public Information | [REDACTED] |  |  | pim@selwyn.govt.nz        |

|                    |                    |  |                  |                         |
|--------------------|--------------------|--|------------------|-------------------------|
| Planning           | [REDACTED]         |  |                  | Eoc.plan@selwyn.govt.nz |
| Welfare            | [REDACTED]         |  |                  | welfare@selwyn.govt.nz  |
| Contact 111        | If fire escalates. |  |                  |                         |
| 10. Prepared By:   |                    |  | Date/Time        |                         |
| Patrik Eschenmoser |                    |  | 17/02/2017 17:30 |                         |

|   |                              |   |                      |
|---|------------------------------|---|----------------------|
| 1. Incident Name<br>Port Hills Complex  |                              | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930 hours | SECTOR<br>ASSIGNMENT |
| 3. Sector A   | 4. Description<br>Port Hills |   |                      |
| 5. Sector Supervisor  | Affiliation                  | Phone   | Radio Channel        |
| Danny Kimber  | DOC                          | [REDACTED]  | Fire 3               |
| Brian Taylor  | DOC                          | [REDACTED]  | CIMS164              |
| 6. Sector Assignment / Special Instructions<br><br>Protect life and property.<br>Strengthen containment lines.<br>Patrol road edge, prevent from crossing road.<br>Prevent fire breaching retardant line.<br>Extend perimeter black line to 20 metres |                              |   |                      |

| <i>Resource/Crew</i>   | <i>Leader</i>  | <i># Persons</i>                            | <i>Transport Required</i> | <i>Drop-off Point/time</i> | <i>Pickup Point/time</i> |
|------------------------|--|---|---------------------------|----------------------------|--------------------------|
| Crew 1 - NZRT          | Hamish Alloway<br>[REDACTED]                             | 4   |                           |                            |                          |
| Crew 2 - CCC           | Nigel Morrit<br>[REDACTED]                               | 3<br>Plus Tom Hitchon;<br>plus Beau Bennett |                           |                            |                          |
| Crew 3 - NZDF          |  | 8 (C/W 4 appliances)                        |                           |                            |                          |
| Crew 4 – DOC Geraldine |  | 6   |                           |                            |                          |
| Crew 5 - Ashburton     |  | 5   |                           |                            |                          |
| Crew 6 – Scott Bowie   |  | 1   |                           |                            |                          |
| Crew 7 - Waihaorunga   |  | 3 (C/W appliance)                           |                           |                            |                          |
| Crew 8 - Aorangi       |  | 5 (C/W 4x4 appliance)                       |                           |                            |                          |
| Crew 9 - Lauriston     |  | 3 (C/W medium tanker)                       |                           |                            |                          |
| Crew 10 - Pendarves    |  | 4 (C/W tanker)                              |                           |                            |                          |
| Crew 11 – CCC          | Chris Webb<br>[REDACTED]<br>& Bart Simpson<br>[REDACTED] | 6   |                           |                            |                          |

| <b>9. Sector Communications</b>                           | <b>Phone</b> | <b>Radio Ch</b>          |
|---|--------------|--------------------------|
|   |              | <b>Fire 3 / CIMS 164</b> |
| Steve Oschner ASS<br>Dale Wilhelm ASS<br>Paul Fechney ASS | [REDACTED]   | Fire 4                   |
|   | [REDACTED]   | CIMS164                  |

| 1. Incident Name<br>Port Hills Complex  |                                | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930 hours |                               | SECTOR<br>ASSIGNMENT    |                   |
|---|--------------------------------|---|-------------------------------|-------------------------|-------------------|
| 3. Sector B   | 4. Description<br>Early Valley |   |                               |                         |                   |
| 5. Sector Supervisor<br>Al Hutt   |                                | Affiliation<br>SDC  | Phone<br>0276669803           | Radio Channel<br>Fire 3 |                   |
| 6. Sector Assignment / Special Instructions<br><br>Protect life and property.<br>Strengthen containment lines.<br>Patrol road edge, prevent from crossing road.<br>Prevent fire breaching retardant line.<br>Extend perimeter black line to 20 metres |                                |   |                               |                         |                   |
| Resource/Crew   | Leader                         | # Persons   | Transport Required            | Drop-off Point/time     | Pickup Point/time |
| Crew 1 – HCFT   |                                | 5   |                               |                         |                   |
| Crew 2 – Darfield VRFF  |                                | 11  |                               |                         |                   |
| Crew 3 – HEB  |                                | 5   |                               |                         |                   |
| Crew 4 – Makeriri Forestry  |                                | 4 (Chainsaw crew)   |                               |                         |                   |
| Crew 5 – Swannanoa  |                                | 6   |                               |                         |                   |
| SAFETY  | Steve Oschner -<br>[REDACTED]  | 1   |                               |                         |                   |
| SAFETY  | Graeme Knight<br>[REDACTED]    |   |                               |                         |                   |
| Equipment :<br><br>Bottle Lake 4x4 tanker<br>West Melton Large Tanker<br>4x4 tanker plus 6 personnel<br>2 tankers<br>1 smoke chaser   |                                |   |                               |                         |                   |
| 9. Sector Communications  |                                | Phone   | Radio Ch<br>Fire 3 / CIMS 164 |                         |                   |
| Steve Oschner ASS<br>Dale Wilhelm ASS<br>Paul Fechney ASS   |                                | [REDACTED]  | Fire 4<br>CIMS164             |                         |                   |
|   |                                | [REDACTED]  |                               |                         |                   |

|   |                                  |   |                     |                                 |                     |
|---|----------------------------------|---|---------------------|---------------------------------|---------------------|
| 1. Incident Name<br>Port Hills Complex  |                                  | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930 hours |                     | SECTOR<br>ASSIGNMENT            |                     |
| 3. Sector C   | 4. Description<br>Southern Flank |   |                     |                                 |                     |
| 5. Sector Supervisor<br>Simon Woods   |                                  | Affiliation<br>CCL  | Phone<br>[REDACTED] | Radio Channel<br>Fire 3 CIMS164 |                     |
| 6. Sector Assignment / Special Instructions<br><br>Protect life and property.<br>Strengthen containment lines.<br>Patrol road edge, prevent from crossing road.<br>Prevent fire breaching retardant line.<br>Extend perimeter black line to 20 metres |                                  |   |                     |                                 |                     |
| Resource/Crew   |                                  | Leader  | # Persons           | Transport Required              | Drop-off Point/time |
| Crew 1 – Duvauchelles   |                                  |   | 6                   |                                 |                     |
| Crew 2 – ECAN   |                                  |   | 6                   |                                 |                     |
| SAFETY  |                                  | Graeme Knight<br>[REDACTED]   |                     |                                 |                     |
|   |                                  |   |                     |                                 |                     |
| 9. Sector Communications  |                                  |   | Phone<br>[REDACTED] | Radio Ch<br>Fire 3 / CIMS 164   |                     |
| Steve Oschner ASS<br>Dale Wilhelm ASS<br>Paul Fechney ASS   |                                  |   | [REDACTED]          | Fire 4<br>CIMS164               |                     |
|   |                                  |   | [REDACTED]          |                                 |                     |

| 1. Incident Name                |                               | 2. Operational Period |                                | AIR OPERATIONS            |                      |            |
|---------------------------------|-------------------------------|-----------------------|--------------------------------|---------------------------|----------------------|------------|
| Port Hills Complex<br>Sector D  |                               | Date<br>Time          | 18/02/17<br>0730-1930          | PLAN                      |                      |            |
| 3. Personnel and Communications |                               |                       |                                |                           |                      |            |
| Position                        | Name                          |                       | Affiliation                    | Phone                     |                      | Radio Chan |
| Air Attack Supervisor           | Steve Ochsner                 |                       | CCC                            | [REDACTED]                |                      | FIRE4      |
| Air Support Supervisor          | Daryl Wilhelm<br>Paul Fechner |                       | CCC<br>DOC<br>Rangiora         | ??<br>[REDACTED]          |                      | FIRE4      |
| Assistant Air Support Liaison   | Carrie Lakin                  |                       | SDC Timaru                     | [REDACTED]                |                      | FIRE4      |
| 4. Air Resource Assignments     |                               |                       |                                |                           |                      |            |
| Pilot Name/<br>Company          | Aircraft<br>Type              | Reg or<br>Callsign    | Assignment                     | Tactical<br>Freq/<br>Chan | Telephone<br>Numbers |            |
| [REDACTED]                      | Cressco<br>Fixed Wing         | TB                    | Christchurch<br>International  | FIRE4                     | Onboard:<br>Company: | [REDACTED] |
|                                 | Fixed wing<br>x1 Cressco      | AS                    | Retardant/<br>Water<br>bombing | FIRE4                     |                      |            |
|                                 | Fixed wing x<br>1 Air tractor | SKF                   | Retardant/<br>Water<br>bombing | FIRE4                     |                      |            |
|                                 | Squirrel                      | HUQ                   |                                | FIRE4                     |                      | [REDACTED] |
|                                 | Squirrel                      | HDQ                   |                                | FIRE4                     |                      | [REDACTED] |
|                                 | Cabri                         | LU                    | GPS Plotting                   | FIRE4                     |                      | [REDACTED] |
| [REDACTED]                      | BK117                         | HJK                   |                                | FIRE4                     |                      | [REDACTED] |
|                                 | EC120                         | HTV                   |                                | FIRE4                     |                      | [REDACTED] |
|                                 | Squirrel                      | HPQ                   |                                | FIRE4                     |                      | -          |
|                                 | Squirrel                      | HDQ                   |                                | FIRE4                     |                      | [REDACTED] |
|                                 | Squirrel                      | IBC                   |                                | FIRE4                     |                      | [REDACTED] |

|  |                    |     |         |       |  |  |
|--|--------------------|-----|---------|-------|--|--|
|  | BK117              | HGU |         | FIRE4 |  |  |
|  | BK117              | HYB |         |       |  |  |
|  | Iroquois<br>UH1    | HHB | Gov Bay | FIRE4 |  |  |
|  | Iroquois<br>UH1    | HHF | Gov Bay | FIRE4 |  |  |
|  | Squirrel           | HBD |         |       |  |  |
|  | Squirrel           | HBI |         |       |  |  |
|  | Thermal<br>imaging | HIY |         |       |  |  |
|  |                    |     |         |       |  |  |
|  |                    |     |         |       |  |  |
|  |                    |     |         |       |  |  |
|  |                    |     |         |       |  |  |

##### 5. Location of Filling Points/Service Areas

|  |                               |
|--|-------------------------------|
| Christchurch International Airport   | Grays Rd, Harewood            |
| Old Tai Tapu Rd (Helibase)   |                               |
| 6. Safety notes/Hazards/Radio Coverage Limitations   |                               |
| NOTAM in place until Monday 20 February<br>Aviation Security at Christchurch Airport                   |                               |
| 7. Air Operations Special Equip or Service   |                               |
| Garden City 10K Jet A1 Tanker<br>ChCh Heli x 5<br>NZFSC Lincoln x 5<br>Mt Hutt x 1 caravan<br>Beck x 2 |                               |
| 10. Prepared by:<br>Bruce Pryor  | Date/Time 17/02/2017 2137 hrs |

| 1. Incident Name<br>Port Hills Complex  |                                 | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930 hours |                               | SECTOR<br>ASSIGNMENT            |                   |
|---|---------------------------------|---|-------------------------------|---------------------------------|-------------------|
| 3. Sector E   | 4. Description<br>Governors Bay |   |                               |                                 |                   |
| 5. Sector Supervisor<br>Gavin Dumphy  |                                 | Affiliation<br>NZFS Hutt Valley   | Phone<br>XXXXXXXXXX           | Radio Channel<br>Fire 1 CIMS164 |                   |
| 6. Sector Assignment / Special Instructions<br><br>Protect life and property.<br>Strengthen containment lines.<br>Patrol road edge, prevent from crossing road.<br>Prevent fire breaching retardant line.<br>Extend perimeter black line to 20 metres |                                 |   |                               |                                 |                   |
| Resource/Crew   | Leader                          | # Persons   | Transport Required            | Drop-off Point/time             | Pickup Point/time |
| Crew 1 – NZFS   |                                 | 4   |                               |                                 |                   |
| SAFETY  | Graeme Knight<br>[REDACTED]     |   |                               |                                 |                   |
|   |                                 |   |                               |                                 |                   |
| 9. Sector Communications  |                                 | Phone   | Radio Ch<br>Fire 1 / CIMS 164 |                                 |                   |
| Steve Oschner ASS<br>Dale Wilhelm ASS<br>Paul Fechney ASS   |                                 | [REDACTED]  | Fire 4<br>CIMS164             |                                 |                   |

|  |   |                    |
|--|---|--------------------|
| 1. Incident Name<br>Port Hills Complex | 2. Operational Period<br>Date: 18/02/2017<br>Time: 0700 hours to 1930 hours | <b>SAFETY PLAN</b> |
|--|---|--------------------|

**3. General Safety Points**

**Particular care around dangerous trees within the fire perimeter. Trees marked as dangerous (two pink tapes around trunk) require a two tree length safety cordon.**

**Extreme caution with any structure protection above Governors Bay and Allendale.**

| LACES   | Fire Orders  | Watchouts  |
|---|--|--|
| <b>L</b> - Lookout(s)<br><b>A</b> – Anchor Point(s)<br><b>C</b> – Communication(s)<br><b>E</b> – Escape Route(s)<br><b>S</b> – Safety Zone(s) | <ol style="list-style-type: none"> <li>1. <b>Fight fire aggressively but provide for safety first.</b></li> <li>2. Initiate all action based upon current and expected fire behaviour.</li> <li>3. <b>Recognise current weather conditions and obtain forecasts.</b></li> <li>4. <b>Ensure instructions are given and understood.</b></li> <li>5. <b>Obtain current information on fire status.</b></li> <li>6. <b>Remain in Communication with crew members, your supervisor and adjoining forces.</b></li> <li>7. <b>Determine safety zones and escape routes.</b></li> <li>8. <b>Establish lookouts in potentially hazardous situations.</b></li> <li>9. <b>Retain control at all times.</b></li> </ol> <p><b>Stay alert, keep calm, think clearly, act decisively.</b></p> | <ol style="list-style-type: none"> <li>1. Fire size is unknown.</li> <li>2. Unfamiliar territory.</li> <li>3. No escape route.</li> <li>4. Don't know local weather.</li> <li>5. Uninformed on strategy, tactics and hazards.</li> <li>6. Instructions and assignments not clear.</li> <li>7. No communications link with crew members or supervisor.</li> <li>8. Constructing fireline without safe anchor point.</li> <li>9. Constructing fireline downhill with fire below.</li> <li>10. Attempting frontal assault on fire.</li> <li>11. Unburned fuel between you and the fire.</li> <li>12. Cannot see main fire, not in contact with anyone who can.</li> <li>13. On hillside where rolling material can ignite fuel below.</li> <li>14. Weather is getting hotter and drier.</li> <li>15. Wind increases and/or changes direction.</li> <li>16. Getting frequent spot fires across the line.</li> <li>17. Terrain and fuels make escape to safety zones difficult.</li> <li>18. Taking a nap near the fire line.</li> <li>19. Working with machinery</li> <li>20. Working with aircraft</li> <li>21. Working around trees</li> </ol> |

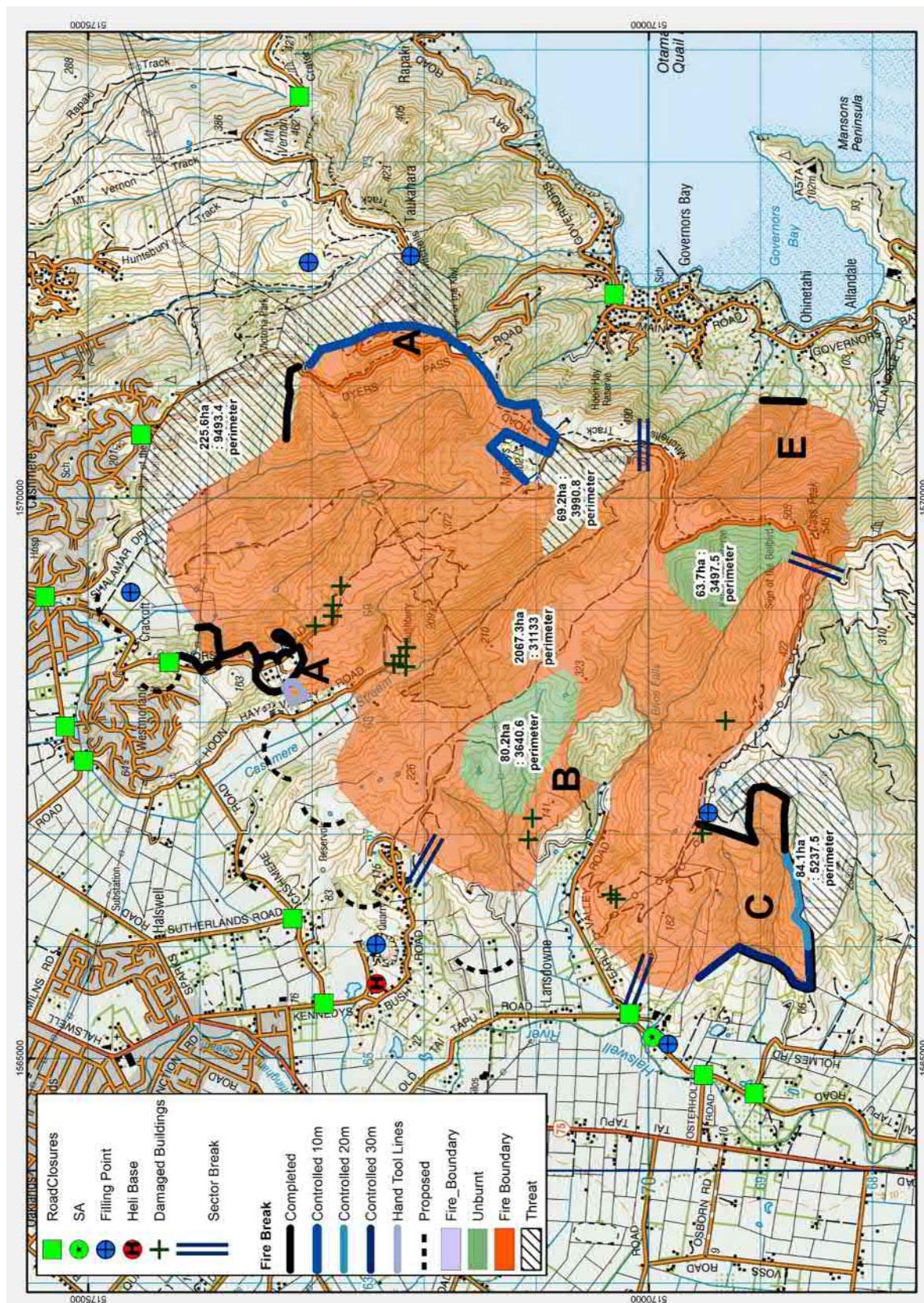
#### 4. Specific Safety Points

- Off and on highway within cordon – speed limit of 30km, headlights and seatbelts on at all times
- Competent four wheel drivers for off road
- Power lines/poles/pylons within the fire ground have been assessed.
- **MAINTAIN A SAFE DISTANCE OF 30M FROM THESE STRUCTURES**
- **FIRE GROUND WILL BECOME SLIPPERY IF SHOWERS OCCUR**
- Maintain hydration and nutrition levels
- Wasps and bees present
- Dust and smoke inhalation
- Steep terrain – potential rockfalls, bluffs present
- Report all accident and near misses
- Sun exposure/hypothermia
- Aircraft movements around heli operations and water bombing
- Heavy machinery operations
- Potential rootballs dislodging
- Unstable trees with damaged root structures
- Beware of public, farmers, recreational users, and stock – contact line manager if issues arise.
- Pink ribbons tied around dangerous trees – unsafe – stay 2 times the height of the tree away

10. Prepared by: Bruce Pryor

Date/Time 17/02/2017 2137 hrs

| 1. Incident Name  |                  | 2. Operational Period                  |                          | <b>MEDICAL PLAN</b> |      |     |  |
|---|------------------|--|--------------------------|---------------------|------|-----|--|
| Port Hills Complex  |                  | Date: 18/02/17 - 0700 to 1930<br>Time: |                          |                     |      |     |  |
| 3. First Aid Station  |                  | Phone/Radio                            |                          | Paramedics          |      |     |  |
| Name  | Location         | Channel                                | available at Station     |                     |      |     |  |
| Stu   |                  |  |                          |                     |      |     |  |
| Kurt  |                  |  |                          |                     |      |     |  |
| Paddy   |                  |  |                          |                     |      |     |  |
| Fiona   |                  |  |                          |                     |      |     |  |
| 4. Transportation   |                  | Address                                | Phone/Radio              | Paramedics          |      |     |  |
| Ambulance Service   |                  | Channel                                | available with Ambulance |                     |      |     |  |
| Westpac Rescue Helicopter   | 515 Memorial Ave | 03358244                               |                          |                     |      |     |  |
| 5. Hospitals  |                  |  | Travel Time              | Burn                | Heli |     |  |
| Hospital Name   | Address          | Phone                                  | Road                     | Air                 | Unit | Pad |  |
| Christchurch Public Hospital  | Hagley Park      | 03 264 0640                            | 1 hr                     | 20 min              |      |     |  |
| Burwood Hospital  | 300 Burwood Road | 03 383 6836                            | 1.5 hr                   | 30 min              |      |     |  |
| CDHB HPO Matt Willoughby  | DDI [REDACTED]   |  |                          |                     |      |     |  |
|   |                  |  |                          |                     |      |     |  |
| 6. Special Emergency Procedures   |                  |  |                          |                     |      |     |  |
| Notify line supervisor immediately in the event of injury or emergency call being made, |                  |  |                          |                     |      |     |  |
| 7. Prepared By: Patrik Eschenmoser  | Date/Time:       |  |                          |                     |      |     |  |
| 8. Reviewed by Safety Officer:  | Date/Time        |  |                          |                     |      |     |  |



## **Weather Forecast @1700 17 Feb 2017**

6 pm today to 6 am Saturday

- Sustained wind: E to NE 15-25 km/h, perhaps easing a bit to 10-20 km/h after midnight.
- Wind gusts: 40-50 km/h, with the strongest gusts over higher terrain. Gusts may decrease to 30-40 km/h after about 12-1 am.
- Maximum relatively humidity: 90-95%.
- Precipitation: Light rain showers and drizzle likely, with the best chance for rain through about midnight. Rainfall during the period 4 mm or less.
- Note: Risk for low cloud and fog reducing visibility, particularly over the higher terrain.

6 am to 6 pm Saturday

- Sustained wind: NE 10-20 km/h, possibly becoming E and increasing to 15-25 km/h during the afternoon.
- Wind gusts 35-45 km/h (highest in the afternoon)
- Minimum relatively humidity: 80-90%.
- Precipitation: Occasional light showers and drizzle likely. Rainfall of 5 mm or less.
- Note: Risk for low cloud and fog reducing visibility, particularly over the higher terrain.

6 pm Saturday to 6 am Sunday

- Sustained wind: East to Northeast 15-25 km/h, decreasing to 10-20 km/h after 2-3 am.
- Wind gusts 35-45 km/h, decreasing to 30-40 km/h after midnight.
- Maximum relative humidity: 95-100%
- Precipitation: A couple showers possible in the evening, then drying. Any rainfall 2 mm or less.
- Note: High risk for low cloud and fog reducing visibility, particularly over the higher terrain.

Outlook for Sunday

- Sustained wind: Northeast 10-20 km/h with gusts 30-45 km/h (highest in the afternoon).
- Minimum relative humidity: 65-75%.
- Slight chance of a passing light shower or two. Any rainfall 1 mm or less.
- Note: Risk for low cloud and fog reducing visibility, particularly over the higher terrain.

Outlook for Monday

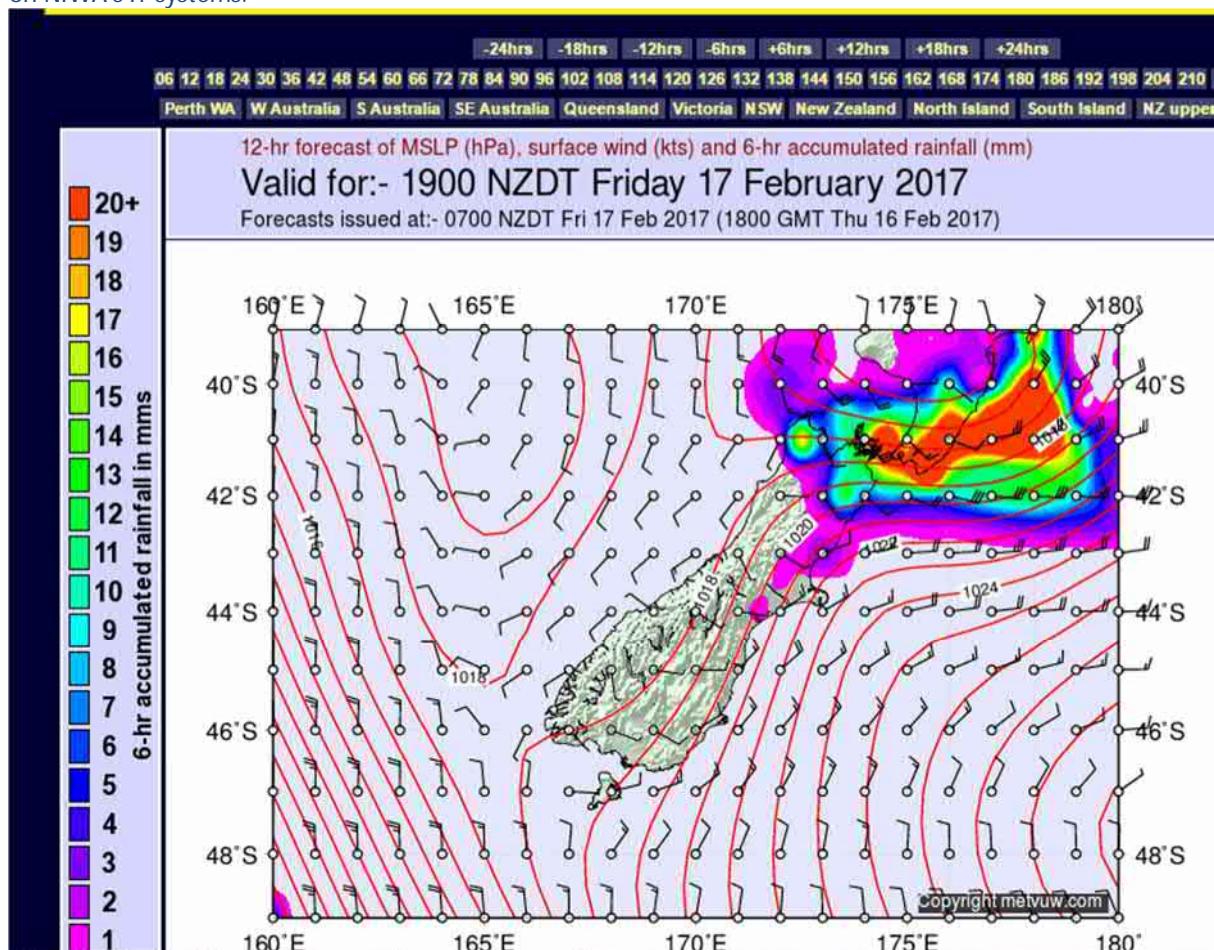
- Sustained wind: Northeast 15-30 km/h with gusts 40-50 km/h (highest in the afternoon).
- High temperature: 24-25 degrees.
- Minimum relative humidity: 65-75%.
- No precipitation expected at this time.

## Outlook for Tuesday

- Sustained wind: Northeast 15-25 km/h with gusts 35-45 km/h (highest in the afternoon).
- High temperature: 24-25 degrees.
- Minimum relative humidity: 60-70%.
- No precipitation expected at this time.

Meteorologist/Forecaster

To ensure compliance with legal requirements and to maintain cyber security standards, NIWA's IT systems are subject to ongoing monitoring, activity logging and auditing. This monitoring and auditing service may be provided by third parties. Such third parties can access information transmitted to, processed by and stored on NIWA's IT systems.



# FIRE BEHAVIOUR FORECAST

|                               |  |             |                |             |            |           |            |            |             |
|-------------------------------|--|-------------|----------------|-------------|------------|-----------|------------|------------|-------------|
| Fire name: Port Hills Complex | Prediction for: 0800-0800 18/19 Feb-17             |             |                |             |            |           |            |            |             |
| Prepared by: [REDACTED]       | Time and date issued: 1800 17-02-17                |             |                |             |            |           |            |            |             |
| Forecast no. 6                |  |             |                |             |            |           |            |            |             |
| <i>Assumptions:</i>           | <i>Yesterdays or today's forecast – circle one</i> |             |                |             |            |           |            |            |             |
| <b>Temp</b>                   | <b>RH</b>  | <b>Wind</b> | <b>Slope *</b> | <b>FFMC</b> | <b>DMC</b> | <b>DC</b> | <b>ISI</b> | <b>BUI</b> | <b>FWI</b>  |
| 17                            | 80   | 30          | 20             | 68          | 57         | 494       | 2.8        | 88         | <b>11.5</b> |

Rates of spread are the equilibrium rate of spread, not the build-up phase, and continuous fuel and similar fuel type.

## Fire Weather Forecast:

Forecast is for a moderate wind, with low air temp and high fuel moisture.

## Fire Behaviour General:

| Expected fire behaviour (no slope)   | Forecast extreme 1400-1800  |
|--|---|
| <b>Fuel type:</b> Mature Pine – 5m pruned  | <b>Fuel type:</b> Mature Pine – 5m pruned   |
| Expect HF rate of spread of 13m/hr<br>HF Intensity 153kw/m<br>Flame lengths 0.8m                                       | Expect HF rate of spread of 38m/hr<br>HF Intensity 438kw/m<br>Flame lengths 1.3m          |
| <b>Fuel type:</b> Scrub/gorse  | <b>Fuel type:</b> Scrub/ gorse  |
| Expect HF rate of spread of 555m/hr<br>HF Intensity 9875kw/m<br>Flame lengths 5.3m                                     | Expect HF rate of spread of 1586m/hr<br>HF Intensity >10000kw/m<br>Flame lengths 8.6m     |
| <b>Fuel type:</b> Grass-70% GC, 100% cover, 0.1m height  | <b>Fuel type:</b> Grass -70% GC, 100% cover, 0.1m height                                  |
| Expect HF rate of spread of 131m/hr<br>HF Intensity 128kw/m<br>Flame lengths 0.7m                                      | Expect HF rate of spread of 374m/hr<br>HF Intensity 316kw/m<br>Flame lengths 1.1m         |
| <b>Safety Considerations:</b>  |   |
| Head Fire intensity within threshold for direct attack in all fuels.   | Scrub fuels exceed head fire intensity for safe threshold for direct attack in all fuels. |
| Lookouts must have trigger points pre-set for tactical withdrawal to safety zones, when conditions exceed assumptions. |   |



**Rainey, Sean**

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**From:** Devlin, Paul  
**Sent:** Wednesday, 15 February 2017 5:34 a.m.  
**To:** [REDACTED] Devlin, Paul; Woodham, Jeff  
**Subject:** Re: catch up on refuelling

Hi. I'm tied up on fires. Can we reschedule?

Paul Devlin  
Head Ranger  
Banks Peninsula/Port Hills  
Regional Parks  
Parks Unit  
Christchurch City Council

From: Rutledge, Andrew  
Sent: Wednesday, 15 February 2017 8:34 a.m.  
To: CCS Parks  
Cc: Richardson, Mary  
Subject: Fires

I would like to take the opportunity to acknowledge and thank all of the rangers staff engaged in the port hills fire control effort.

I'm sure all of the team will join me in thanking you for the incredible effort you put into fire management operations. We are all thinking off you guys and wish you well

Stay safe

**Andrew Rutledge**  
**Head of Parks**  
Customer and Community Group  
[REDACTED]

[REDACTED]  
Web: [www.ccc.govt.nz](http://www.ccc.govt.nz)  
**Christchurch City Council**  
Civic Offices, 53 Hereford Street, Christchurch  
PO Box 73014, Christchurch, 8154

Please consider the environment before printing this email



## Rainey, Sean

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**From:** Tatterson, Christine  
**Sent:** Wednesday, 15 February 2017 1:25 p.m.  
**To:** Woods, Darrin; [REDACTED] Bruce Janes; Craig Alexander; Douglas Marshall; Ryan O'Rourke; Mitchell, Tim; Steve Turek; Dave Stackhouse; Dave Berry; O'Connor, Kevin (National Rural Fire Officer; Davidson, Abigail; Stephen.hill\_selwyn.govt.nz; Rob Hands; Chambers, Rodney; Hunt, Warren; Devlin, Paul; SthComMgr@fire.org.nz; [REDACTED] Crawford, Greg; Kennedy, Steve; Southern Comcen Managers & RSM; Muller, Doug; Chch City - SSOs; Mac Port Hills Complex Fire Organisation Chart - 15 February 2017  
**Subject:** Port Hills Complex 2017 - Organisation Chart 15 02 17.docx  
**Attachments:**

Hi all,

Please find attached the updated Organisation Chart for 15 February 2017.

Thank you,

Chris Tatterson for  
Darrin Woods, Planning Intelligence Manager

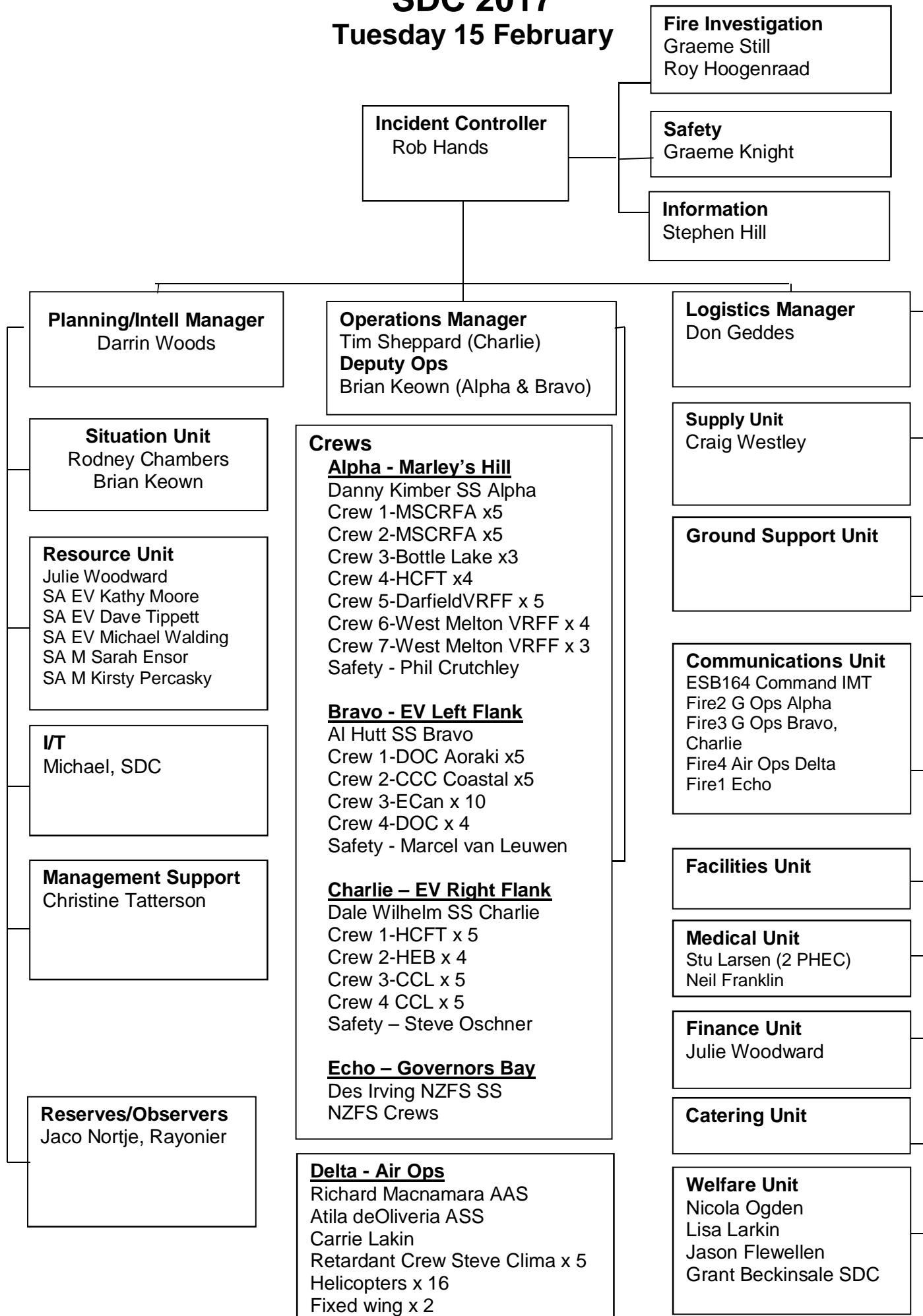
**Christine Tatterson**  
CDEM Capability Development and Training Co-ordinator  
Civil Defence Emergency Management and Rural Fire Unit  
Christchurch City Council  
53 Hereford Street, Christchurch 8011  
PO Box 73-016, Christchurch, 8154  
[REDACTED]

Web: [www.ccc.govt.nz](http://www.ccc.govt.nz)

# Port Hills Complex Organisational Chart

## SDC 2017

### Tuesday 15 February



## Rainey, Sean

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**From:** Federated Farmers NZ <mail=fedfarm.org.nz@mail5.suw17.mcsv.net> on behalf of Federated Farmers NZ <mail@fedfarm.org.nz>  
**Sent:** Wednesday, 15 February 2017 3:12 p.m.  
**To:** Devlin, Paul  
**Subject:** Crop Residue Burning and Extreme Fire Risk



Phone: 0800 327 646 | Website: [www.fedfarm.org.nz](http://www.fedfarm.org.nz)

## MEMBER ADVISORY

15 February 2017

## CROP RESIDUE BURNING AND EXTREME FIRE RISK

**To all North Canterbury members**

Local fire authorities request that members do not burn any crop residue for the next three days as fire resources in the North Canterbury area are heavily committed to the Tai Tapu/Port Hills fires.

For more information, please contact:

**Reuben Carter**

North Canterbury Arable Chairperson

m: 021307901

**Dan Hodgen**

North Canterbury Rural Fire Spokesperson

m:0274588910

*You are subscribed to a Federated Farmers member advisory mailing list, to unsubscribe please make a request at [mail@fedfarm.org.nz](mailto:mail@fedfarm.org.nz)*

## Rainey, Sean

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**From:** Murphy, Emily on behalf of Ritchie, Jocelyn  
**Sent:** Friday, 17 February 2017 11:09 p.m.  
**To:** Devlin, Paul  
**Subject:** FW: Media query: Reserve damage

Hi Paul, can you help with this?

Thanks,  
Emily (on behalf of Joss).

**From:** Carter, Di  
**Sent:** Friday, 17 February 2017 7:33 p.m.  
**To:** Ritchie, Jocelyn  
**Subject:** Re: Media query: Reserve damage

Hi Joss. No, I'm not the best person. Paul Devlin best. Thanks Di

Sent from my iPhone

On 17/02/2017, at 12:50 PM, Ritchie, Jocelyn <[REDACTED]> wrote:

Hi Di

Can you help with this?

Joss

Sent from my iPhone

Begin forwarded message:

**From:** [REDACTED]  
**Date:** 17 February 2017 at 10:04:43 AM NZDT  
**To:** <[mediaenquiries@ccc.govt.nz](mailto:mediaenquiries@ccc.govt.nz)>  
**Subject:** Media query: Reserve damage

Morning,

I'm looking into the damage the fire has done to some of the council's reserves on the Port Hills.

I understand it has 31 reserves up there, but the ones specifically within the fire appear to be Sign of the Bellbird, Kennedys Bush Reserve, Hoon Hay Scenic Reserve and possibly Orongomai Reserve (which I think might be privately owned - not sure).

Appreciate you guys are flat out - I'm told Di Carter, a Port Hills ranger, is the person who knows the most about this stuff.

Would I be able to speak to her sometime today?

Many thanks,  
[REDACTED]

--

[REDACTED]  
Reporter

E [REDACTED]

The Press, 158 Gloucester Street, Christchurch

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## Rainey, Sean

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**From:** EOC Controller  
**Sent:** Friday, 17 February 2017 6:35 p.m.  
**To:** CCC CDEM Duty Officer; EOC Building Evaluation; EOC Controller; EOC Intelligence; EOC Logistics; EOC Manager; EOC Operations; EOC Planning; EOC Public Information Management; EOC Response Teams - Base of Operations; Team leaders; EOC Welfare; EOC Response Teams  
**Subject:** Staff working Civil Defence duties - Important information about Overtime or TOIL provisions

Hi everyone

Can you please forward this email to all staff who have worked or are continuing to work civil defence duties as part of our CCC response to the Port Hills Fire February 2017 event. Team Leaders will also need to understand these TOIL/overtime provisions as they relate to particular employment agreements.

*Since the establishment of the EOC we have had a number of staff working in the EOC and supporting our Civil Defence efforts. This has involved staff from all parts of the organisation and we continue to have staff working in the Port Hills and Selwyn as well as in the Council EOC.*

*This email is to advise you of the arrangements for all staff working in these civil defence duties in regards to overtime or TOIL provisions. Please share this with your staff and/or managers.*

*For those staff on collective agreements, the provisions in their agreements will apply in regards to TOIL and overtime. For staff who are on Individual Employment Agreements (IEA's), there is no provision for paid overtime and managers should work with staff to make arrangements to take TOIL for hours worked over and above their standard hours.*

*We would like to support staff to get some rest and time off and encourage staff to take this as soon as practical. If you have any questions regarding your arrangements please discuss these with your immediate manager.*

*Thank you for your continued support and to all those involved with assisting with our Civil Defence functions.*

John Mackie  
Controller  
EOC Christchurch