I hereby give notice that an ordinary meeting of the Civil Defence and Emergency Management Group Committee will be held on:

**Date:** Wednesday, 30 May 2018  
**Time:** 10.30am  
**Meeting Room:** Room 1, Level 26  
**Venue:** 135 Albert Street  
Auckland

**Komiti Ārai Tūmatanui me Te Toko Raru Ohorere / Civil Defence and Emergency Management Group Committee**

**OPEN AGENDA**

**MEMBERSHIP**

<table>
<thead>
<tr>
<th>Chairperson</th>
<th>Cr Sharon Stewart, QSM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deputy Chairperson</td>
<td>Cr John Watson</td>
</tr>
<tr>
<td>Members</td>
<td>Cr Josephine Bartley</td>
</tr>
<tr>
<td></td>
<td>Cr Ross Clow</td>
</tr>
<tr>
<td></td>
<td>Cr Fa’anana Efeso Collins</td>
</tr>
<tr>
<td></td>
<td>Cr Dick Quax</td>
</tr>
<tr>
<td></td>
<td>Cr Sir John Walker, KNZM, CBE</td>
</tr>
<tr>
<td>Ex-officio</td>
<td>Deputy Mayor Bill Cashmore</td>
</tr>
<tr>
<td></td>
<td>Mayor Hon Phil Goff, CNZM, JP</td>
</tr>
<tr>
<td>IMSB Members</td>
<td>Member Hon Tau Henare</td>
</tr>
<tr>
<td></td>
<td>Member Dennis Kirkwood</td>
</tr>
</tbody>
</table>

(Quorum 3 members)

*Suad Allie  
Governance Advisor*  

24 May 2018

Contact Telephone: (09) 977 6953  
Email suad.allie@aucklandcouncil.govt.nz  
Website: www.aucklandcouncil.govt.nz

**Note:** The reports contained within this agenda are for consideration and should not be construed as Council policy unless and until adopted. Should Members require further information relating to any reports, please contact the relevant manager, Chairperson or Deputy Chairperson.
Terms of Reference

Responsibilities and powers

The Civil Defence Emergency Management Group Committee is a statutory committee required under S12(1) of the Civil Defence and Emergency Management Act 2002 (CDEM Act) and is responsible for:

- being Auckland’s strategic forum for civil defence and emergency management planning and policy
- establishing an emergency management structure for the Auckland region
- developing, approving, implementing and monitoring the Auckland Civil Defence Emergency Management Group Plan
- developing, approving, implementing and monitoring other relevant strategies and policies relevant to the powers and functions of the Civil Defence and Emergency Management Group as identified in the CDEM Act
- performing the statutory functions of a civil defence emergency management group
- representing Auckland in the development of national emergency management policy including approving relevant policy and legislative submissions to external bodies
- engaging with Local Boards and local board portfolio holders on civil defence and emergency management issues.

The Civil Defence Emergency Management Group Committee will exercise the statutory powers outlined in the Civil Defence Emergency Management Act 2002 and the Auckland Civil Defence Emergency Management Group Plan. The Civil Defence Emergency Management Group Committee is authorised to approve use of the established emergency funding facility provided for emergency management.

Relevant legislation includes but is not limited to:

Exclusion of the public – who needs to leave the meeting

Members of the public

All members of the public must leave the meeting when the public are excluded unless a resolution is passed permitting a person to remain because their knowledge will assist the meeting.

Those who are not members of the public

General principles

- Access to confidential information is managed on a “need to know” basis where access to the information is required in order for a person to perform their role.
- Those who are not members of the meeting (see list below) must leave unless it is necessary for them to remain and hear the debate in order to perform their role.
- Those who need to be present for one confidential item can remain only for that item and must leave the room for any other confidential items.
- In any case of doubt, the ruling of the chairperson is final.

Members of the meeting

- The members of the meeting remain (all Governing Body members if the meeting is a Governing Body meeting; all members of the committee if the meeting is a committee meeting).
- However, standing orders require that a councillor who has a pecuniary conflict of interest leave the room.
- All councillors have the right to attend any meeting of a committee and councillors who are not members of a committee may remain, subject to any limitations in standing orders.

Independent Māori Statutory Board

- Members of the Independent Māori Statutory Board who are appointed members of the committee remain.
- Independent Māori Statutory Board members and staff remain if this is necessary in order for them to perform their role.

Staff

- All staff supporting the meeting (administrative, senior management) remain.
- Other staff who need to because of their role may remain.

Local Board members

- Local Board members who need to hear the matter being discussed in order to perform their role may remain. This will usually be if the matter affects, or is relevant to, a particular Local Board area.

Council Controlled Organisations

- Representatives of a Council Controlled Organisation can remain only if required to for discussion of a matter relevant to the Council Controlled Organisation.
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<th>TABLE OF CONTENTS</th>
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<td>Declaration of Interest</td>
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<td>Minor Amendments to the CDEM Group Plan (transition and strategic planning for recovery) and Alternate Group Recovery Manager</td>
<td>53</td>
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<td>Civil Defence and Emergency Management Group Committee - Information Report - 30 May 2018</td>
<td>68</td>
</tr>
<tr>
<td>14</td>
<td>Consideration of Extraordinary Items</td>
<td></td>
</tr>
</tbody>
</table>
1  **Apologies**

At the close of the agenda no apologies had been received.

2  **Declaration of Interest**

Members are reminded of the need to be vigilant to stand aside from decision making when a conflict arises between their role as a member and any private or other external interest they might have.

3  **Confirmation of Minutes**

That the Civil Defence and Emergency Management Group Committee:

a) confirm the ordinary minutes of its meeting, held on Wednesday, 28 February 2018, as a true and correct record.

4  **Petitions**

At the close of the agenda no requests to present petitions had been received.

5  **Public Input**

Standing Order 7.7 provides for Public Input. Applications to speak must be made to the Governance Advisor, in writing, no later than one (1) clear working day prior to the meeting and must include the subject matter. The meeting Chairperson has the discretion to decline any application that does not meet the requirements of Standing Orders. A maximum of thirty (30) minutes is allocated to the period for public input with five (5) minutes speaking time for each speaker.

5.1  **Vector**

**Te take mō te pūrongo / Purpose of the report**

1. To provide an update on the recent storm event in April 2018. Nicholas Albrecht, Government Relations Manager and Andre Botha, Chief Networks Officer will be in attendance.

**Ngā tūtohunga / Recommendation/s**

That the Civil Defence and Emergency Management Group Committee:

a) receive and note the public input presentation from Nicholas Albrecht, Government Relations Manager and Andre Botha, Chief Networks Officer.

6  **Local Board Input**

Standing Order 6.2 provides for Local Board Input. The Chairperson (or nominee of that Chairperson) is entitled to speak for up to five (5) minutes during this time. The Chairperson of the Local Board (or nominee of that Chairperson) shall wherever practical, give one (1) day’s notice of their wish to speak. The meeting Chairperson has the discretion to decline any application that does not meet the requirements of Standing Orders.

This right is in addition to the right under Standing Order 6.1 to speak to matters on the agenda.

At the close of the agenda no requests for local board input had been received.
7 Extraordinary Business

Section 46A(7) of the Local Government Official Information and Meetings Act 1987 (as amended) states:

"An item that is not on the agenda for a meeting may be dealt with at that meeting if-

(a) The local authority by resolution so decides; and

(b) The presiding member explains at the meeting, at a time when it is open to the public,-

(i) The reason why the item is not on the agenda; and

(ii) The reason why the discussion of the item cannot be delayed until a subsequent meeting."

Section 46A(7A) of the Local Government Official Information and Meetings Act 1987 (as amended) states:

"Where an item is not on the agenda for a meeting.-

(a) That item may be discussed at that meeting if-

(i) That item is a minor matter relating to the general business of the local authority; and

(ii) the presiding member explains at the beginning of the meeting, at a time when it is open to the public, that the item will be discussed at the meeting; but

(b) no resolution, decision or recommendation may be made in respect of that item except to refer that item to a subsequent meeting of the local authority for further discussion."

8 Notices of Motion

There were no notices of motion.
Te take mō te pūrongo / Purpose of the report

1. To provide an overview of the April storm event that occurred on the evening of Tuesday 10 April, and the Auckland Emergency Management Coordination Centre response actions. It also provides next steps.

Whakarāpopototanga matua / Executive summary

2. The 10 April 2018 Storm resulted in power outages of a significant scale in the Auckland region, leaving up to 183,000 homes and businesses without power at its height on 11 April. Outages were split between Vector (180,000) and Counties Power (3,000). The outage scale was of a level not seen nationally for close to two decades. Over a 14 day period, Auckland Emergency Management worked effectively and efficiently with partners and key stakeholders to deliver a holistic and coordinated welfare response to vulnerable and affected communities. The welfare response was the most significant nationally in many years, exemplified by Operation Connect, where the ECC mobilised Auckland Council, Police, and Land Search and Rescue volunteers at the direction of the Controller to door-knock in severely affected communities and addressed their needs. A hotline was also stepped up to receive and action community needs, which enabled the provision of potable water, toilet facilities, warm food, generators, and household visits by welfare professionals to those without power. The response was stood down on 24 April 2018 due to favourable weather conditions and large scale power restoration across the region.

Ngā tūtohunga / Recommendation/s

That the Civil Defence and Emergency Management Group Committee:

a) note the approved 10 April Storm Review Project Brief by the Auckland Civil Defence and Emergency Management Coordinating Executive Group (CEG), and

b) agree to participate in the review of the 10 April storm response as required and as appropriate.

Horopaki / Context

3. On the evening of Tuesday 10 April, Auckland was hit by a severe storm, bringing about rain and sustained gale force winds of up to 120km/hour across the region. Although gusts of up to 213 km/hour were recorded at the Manukau Heads, this is an outlier as it is not representative of the region’s wider wind field. From the beginning of the event to 8:15am Wednesday morning, Fire and Emergency New Zealand attended to 904 incidents, predominantly for tree fall. Over the same period, the Auckland Council Call Centre answered 440 calls, of which 12 were flooding related and the rest were predominantly related to tree fall and power outages.

Approximately 183,000 Auckland households (constituting ~30% of the region) were alerted to power outages throughout Tuesday evening and woke to start their day without electricity on Wednesday 11 April. Power outages were experienced across the entire region. For the remote communities, outages were concentrated predominantly in the west, northwest, and far south areas.
4. The Emergency Coordination Centre (ECC) at Bledisloe House had been activated to white status (‘active monitoring’) on **Monday 9 April** following preliminary MetService advice. On **Tuesday 10 April**, Auckland Emergency Management, together with the MetService and Auckland’s Lifelines Utilities Coordinator, closely monitored the weather situation. The Public Information Management (PIM) team was also activated to respond to media and social media queries, as well as supplementing the community alert process.

5. Following the confirmation of power outages, on **Wednesday 11 April** the ECC assessed outage maps and monitored calls for assistance to commence a coordinated response. However, difficulties started early due to both the accuracy and scale of data transfer from Vector and Counties Power to the Lifelines Utilities Coordinator. This hampered the response planning process.

6. By **Thursday 12 April**, once the ECC became aware of the prolonged nature of the power outages, welfare efforts stepped up significantly as homes remained without power and hot water over the coldest night of the year. As requests for assistance came in through the Auckland Council call centre and hotline, the ECC proactively responded by commencing the delivery of potable water and port-a-loos to individual households, and would continue to do so until Sunday 22 April.

7. The provision of timely assistance to vulnerable and affected communities remained the first and foremost priority for Auckland Emergency Management. The FENZ liaison officer stood up a number of remote area fire stations to assist with welfare response, and two fire stations spontaneously self-organised to assist. Throughout Thursday and Friday, drinking water was delivered to Bethells Beach, Karekare, Kaukapakapa, Muriwai, Piha, and Waitakere Fire Stations. From Thursday onwards, 34 council swimming pools and leisure centres also opened their doors to provide hot showers free of charge to residents affected by the power and hot water outages, and other Auckland Council Community Facilities were open to provide electronic device charging.

8. On **Friday 13 April**, Auckland Emergency Management, working closely with the Auckland Welfare Coordination Group, released an Action Plan to outline priority actions for the ongoing response. These included:
   - Identifying high-risk communities and individuals affected by the power outages and in need of urgent assistance
   - Continuing to deliver port-a-loos and potable water to vulnerable communities on an as-needed basis
   - Developing advice for communities on how to deal with the power and hot water disruption
   - Continuing to liaise closely with partner agencies to provide integrated welfare response.

9. Recognising the escalating welfare needs, the Controller directed a door-knock initiative be implemented to better assess the welfare needs of affected communities. On Friday evening, Auckland Council Acting Chief Executive Dean Kimpton issued a request for Council employees to assist with Operation Connect—an initiative where a number of elected members, Council staff, Police, Land Search and Rescue, Red Cross, FENZ, and other agency volunteers embarked on door to door check-in’s throughout vulnerable and affected areas to assess community needs and provide timely welfare assistance. By this stage, we were aware that although some outages were resolved, this did not necessarily mean that hot water had been restored to all those households.

10. In addition, the ECC provided information leaflets and posters to local groups and networks to disseminate across their local communities. The PIM team produced a pamphlet detailing helpful information for affected communities at short notice, which was distributed to affected households on Friday. Attached to this report is the pamphlet and the final Situation Report (no.21) for the event, which includes a compilation of key statistics.
11. Operation Connect commenced on the morning of Saturday, 14 April and continued through to Tuesday 17 April. Numerous volunteer teams assembled early in the morning and door-knocked across western and north-western neighbourhoods to assess and respond to the needs of vulnerable and affected communities without power.

12. By Monday 16 April, Operation Connect had been downscaled to scattered isolated neighbourhoods where individual households were still without power in New Lynn, Te Atatu, Glendene, Titirangi, Forrest Hill, and Sunnyvale. On Tuesday 17 April, Operation Connect was reactivated under the management of the ECC and the assistance of Council staff volunteers. A further 1,900 properties were door-knocked and checked upon by the end of the day.

13. Due to favourable weather and large-scale power and hot water restoration, Operation Connect was stood down on Tuesday evening. However, Auckland Emergency Management staff undertook further welfare visits to isolated and affected households on Thursday 19 April.

14. As power was gradually restored across the region, the ECC entered a period of predominantly monitoring activity from Wednesday 18 April onwards. The Welfare Desk continued to respond to requests generated through Operation Connect and the Auckland Council Call Centre from isolated pockets of residents still without power.

15. No new welfare requests were received after Friday 20 April, and a stepped-town approach to deactivate the ECC began over the weekend. However, the welfare desk continued to remain open to respond to any further requests for assistance. Throughout the response timeline, Auckland Emergency Management continued to undertake recovery planning. The penultimate step down of the ECC began on Monday 23 April. The ECC was officially deactivated by the Controller on Tuesday 24 April as Auckland Emergency Management moved from response to recovery.
16. **Key statistics from the Storm Response**

**Public Information Management (PIM)**

<table>
<thead>
<tr>
<th>Media Calls Given</th>
<th>Social Media Updates (via Twitter and Facebook)</th>
<th>Media Releases</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 in total, including:</td>
<td>123</td>
<td>13</td>
</tr>
<tr>
<td>- 19 radio</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- 11 TV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- 10 print and online</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Operation Connect**

<table>
<thead>
<tr>
<th>Date</th>
<th>Neighbourhoods Visited</th>
<th>Number of Houses visited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday 14 April</td>
<td>Waimauku, Kumeu, Glenfield, Massey, Waitakere, Waiatarua, Mt. Roskill</td>
<td>2,000</td>
</tr>
<tr>
<td>Sunday 15 April</td>
<td>Waimauku, Kumeu, Glenfield, Massey, Waitakere, Waiatarua, Mt. Roskill</td>
<td>3,000</td>
</tr>
<tr>
<td>Monday 16 April</td>
<td>Te Atatu South, Waimauku, Muriwai, Whenuapai, Herald Island</td>
<td>300</td>
</tr>
<tr>
<td>Tuesday 17 April</td>
<td>New Lynn, Te Atatu, Glendene, Titirangi, Forrest Hill, Sunnyvale</td>
<td>1,900</td>
</tr>
<tr>
<td>Thursday 19 April (AEM staff visits)</td>
<td>Ranui, Swanson, Oratia</td>
<td>40</td>
</tr>
</tbody>
</table>
Welfare Assistance Delivered

<table>
<thead>
<tr>
<th>Water</th>
<th>Toilet Facilities</th>
<th>Urgent and Complex Needs</th>
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</thead>
<tbody>
<tr>
<td>21,450L</td>
<td>273</td>
<td>75</td>
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</tbody>
</table>

Total ACES and Volunteer Mobilisation

<table>
<thead>
<tr>
<th>ECC</th>
<th>Auckland Council staff</th>
<th>Police, Land Search and Rescue, Red Cross, and other agency volunteers</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>participating in Operation Connect</td>
<td>participating in Operation Connect</td>
</tr>
<tr>
<td>41</td>
<td>106</td>
<td>200</td>
</tr>
</tbody>
</table>

Ngā koringa ā-muri / Next steps

17. Post event, a formal debrief of the response is crucial for continuous improvement. The Group individually and contemporaneously carries out debriefs that inform the review of the event, as well as their own continuous improvement practices. Members of the Group have commenced their debrief processes.

18. ‘Super storms’ are a high priority hazard for Auckland. While the 10 April Storm did not constitute a ‘super storm’ in severity, an external review will assist the Auckland CDEM Group to effectively prepare for future such weather events by capturing the successes and improvement areas of the response.

19. The Ministry of Civil Defence and Emergency Management (MCDEM) was requested to follow up on nationally identified issues regarding data sharing between retail utilities providers and line companies/ the Lifelines Utilities Coordinator. This may involve reviewing of regulation and legislation. The Ministry was also advised to investigate the issue of tree trimming regulations following Vector’s identification of fallen trees and trimming restrictions as a primary cause of the large number of power outages.

20. The Auckland Civil Defence and Emergency Management Coordinating Executive Group (CEG) has approved an external review of the 10 April Storm response on 3 May 2018, as per the CEG recommendation “Agree to commission an external review of the event to understand and capture successes and any improvements”.

21. The 10 April Storm Review Project Review was distributed following the CEG meeting by CEG Chair and Auckland Council CEO Stephen Town for feedback. The final version of the document is attached for information in this report at Attachment C.
Ngā tāpirihanga / Attachments

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<td>A</td>
<td>Auckland Weather Situation Report 21</td>
<td>15</td>
</tr>
<tr>
<td>B</td>
<td>Information pamphlet issued to affected communities</td>
<td>27</td>
</tr>
<tr>
<td>C</td>
<td>Project Brief for Independent Review</td>
<td>29</td>
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</table>

Ngā kaihaina / Signatories

| Author                              | John Dragicevich – Director Auckland Emergency Management |
Auckland Emergency Management
SITUATION REPORT #021 2018-04-24 1200hrs NZDT

Event Name: 10 April Storm

ICP:
Auckland Emergency Co-ordination Centre
Level 1 Bledisloe House (South)
24 Wellesley Street
Auckland 1142
akgeoc@aucklandcouncil.govt.nz
(09) 301 0101

Declaration Status: N/A
Activation Status: White State

This report was current at the time of distribution.
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Response Priorities

1. Support Operation Connect needs assessments.
2. Prevent further escalation of the situation.
3. Prioritisation of essential services for restoration.
4. Continue to liaise with welfare agencies and coordinate efforts as appropriate.
5. Provide information to the public to maintain confidence.
6. Continue to monitor and communicate the weather forecast with key partners and stakeholders.

End State

- Minimise impact to essential services and communities.
- Prioritisation and restoration of essential services.
- Public confidence is retained.
- Planning for recovery activities.
Overview

Weather
No Severe Weather Warnings or Watches are in-force for Auckland, at this stage, across the weekend. The current MetService forecast below is as at 1000hrs Saturday 21 April:

Tuesday 24 April:
- Cloudy periods and isolated showers from afternoon. Light winds.

Wednesday 25 April:
- Morning cloud, clearing to a fine day. Southwesterly breezes.

Actions

Response actions in last 24 hours
- Partner agencies continue to provide welfare services as required. Ongoing liaison with key stakeholders including Lifeline Utilities.
- As at 1200hrs Tuesday 24 April an estimated 21,450L of potable water and 273 portable toilets have been distributed at request.
- Auckland Council continues to open leisure centres to the public, to provide hot showers, comfort, phone charging and support to communities still without power, or hot water.

Planned response activities in next 24-72 hours
1. As no new welfare needs requests have been received since Friday 20 April and existing requests are being resolved, the step-down withdrawal of the ECC will conclude today (Tuesday 24 April), with the transition into recovery, this will be the final situation report, the Alert State has been lowered to White (Active Monitoring).
2. Recall the deployed portaloo assets from the region. Instructions have been given to contractors to leave portaloo at addresses where power has not been restored.
3. Continue to provide welfare support to communities identified as at risk, and individuals making contact to the Auckland Emergency Management contact centre.
4. Continue providing information to the public, elected members, and external stakeholders.
5. Auckland Council continues to clear roads.
Auckland Council Contact Centre

- Auckland Council Contact Centre has advised the following call volumes have been experienced relating to the April 10 storm, and subsequent response:

<table>
<thead>
<tr>
<th>Date (HHMM)</th>
<th>Auckland Emergency Management</th>
<th>Emergency Services</th>
<th>RFS Requests Trees</th>
<th>RFS Requests Stormwater</th>
<th>Auckland Transport</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 April (0000 – 1030hrs)</td>
<td>2</td>
<td>3</td>
<td>11</td>
<td>1</td>
<td>256</td>
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<tr>
<td>23 April (0000 – 2359hrs)</td>
<td>3</td>
<td>2</td>
<td>58</td>
<td>35</td>
<td>935</td>
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<td>22 April (0000 – 2359hrs)</td>
<td>3</td>
<td>5</td>
<td>24</td>
<td>8</td>
<td>201</td>
</tr>
<tr>
<td>21 April (0000 – 2359hrs)</td>
<td>4</td>
<td>0</td>
<td>25</td>
<td>3</td>
<td>293</td>
</tr>
<tr>
<td>20 April (0000 – 2359hrs)</td>
<td>14</td>
<td>6</td>
<td>121</td>
<td>15</td>
<td>481</td>
</tr>
<tr>
<td>20 April (0000 – 2359hrs)</td>
<td>11</td>
<td>1</td>
<td>47</td>
<td>5</td>
<td>221</td>
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<tr>
<td>19 April (0000 – 2359hrs)</td>
<td>60</td>
<td>0</td>
<td>162</td>
<td>30</td>
<td>499</td>
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<tr>
<td>18 April (0000 – 2359hrs)</td>
<td>84</td>
<td>3</td>
<td>163</td>
<td>33</td>
<td>540</td>
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<tr>
<td>17 April (0000 – 2359hrs)</td>
<td>85</td>
<td>5</td>
<td>219</td>
<td>45</td>
<td>587</td>
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<td>16 April (0000 – 2359hrs)</td>
<td>151</td>
<td>14</td>
<td>257</td>
<td>84</td>
<td>594</td>
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<tr>
<td>15 April (0000 – 2359hrs)</td>
<td>126</td>
<td>5</td>
<td>22</td>
<td>19</td>
<td>128</td>
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<tr>
<td>14 April (0000 – 2359hrs)</td>
<td>172</td>
<td>29</td>
<td>72</td>
<td>174</td>
<td>263</td>
</tr>
<tr>
<td>13 April (0000 – 2359hrs)</td>
<td>238</td>
<td>4</td>
<td>302</td>
<td>17</td>
<td>511</td>
</tr>
<tr>
<td>12 April (0000 – 2359hrs)</td>
<td>63</td>
<td>4</td>
<td>530</td>
<td>18</td>
<td>626</td>
</tr>
<tr>
<td>11 April (0000 – 2359hrs)</td>
<td>48</td>
<td>53</td>
<td>1303</td>
<td>42</td>
<td>784</td>
</tr>
<tr>
<td>10 April (2100hrs-2359hrs)</td>
<td>17</td>
<td>12</td>
<td>101</td>
<td>0</td>
<td>153</td>
</tr>
</tbody>
</table>

- The total number of Auckland Council Contact Centre calls relating to Auckland Emergency Management from 2100hrs Tuesday 10 April to 1030hrs Tuesday 24 April is 1081.

Recovery

- Work on the Draft Recovery Plan is progressing. This is to be delivered by Friday 27 April.

Social and Health

- The Auckland Emergency Management welfare desk is continuing to respond to community needs identified during "Operation Connect" and ongoing calls to the Emergency Management contact number.
  - There have been no new welfare requests made since Friday 20 April. The welfare desk staff are contacting those who have received support since the storm to make a final welfare check, and update their records regarding their power/hot water status.
• Public are being advised to contact their supplier directly to arrange pick up when they are comfortable their power status is stable, and if they have any issues with collection, to contact Auckland Emergency Management for advice.
  • Logistics is liaising with portalooc contractors regarding the collection of deployed assets if the recipients request assistance.
• Individuals have been able to collect water from selected local fire stations, fire stations have returned to normal operations but remain contactable if required for welfare support.
• As power provision is continuing to be restored across the Region there is less of a requirement for portable toilets and water. Welfare and continuing to relay requests through Logistics to ensure any remaining need is met. Where power has been restored the return of portable toilets is also being considered for implementation.

"OPERATION CONNECT"
• "Operation Connect" wound down field operations on Tuesday 17 April, but continues to respond to welfare requests on an as-needed basis.
• No change to Operation Connect welfare-request numbers since Saturday 21 April.
• By late Friday 20 April "Operation Connect" had helped the community complete 77 urgent needs forms arising from the welfare checks completed during the operation. Of those:
  • On Monday 23 April, after cleaning multiple entries from the database, the total number of households requesting urgent needs forms was refined to 75. All need requests have been completed or referred to partner agencies.
• The main requirements identified during welfare assessments were for heating, water, and food to support health needs, as well as specific health issues that have been tasked to the responding agencies.
• On Wednesday 18 April, Auckland Emergency Management maintained interface with the community, to ensure understanding/reassurance on the ground with teams (comprising of approximately 60 Auckland Council staff and Maori Wardens) deploying to six areas of interest (New Lynn, Te Atatu North, Glendene, Glen Eden, Titirangi, Forrest Hill, and Sunnyvale).
• On Tuesday 17 April (1630hrs), Auckland Council staff and volunteers visited 1905 households and of those there were 17 urgent requests for assistance that are being responded to by the welfare team. Many will be referred to the relevant agencies.
  • As at 1700hrs, the Welfare desk has recorded 6 urgent requests (trees, waste and heating) and over 185 households visits where there has been no welfare needs identified.
  • NZ Police and the District Health Board are cross-checking no-one home status with vulnerable people information.
• On Monday 16 April,
  • "Operation Connect" consisted of personnel support from Auckland Council, NZ Police, Fire and Emergency NZ, Land Search and Rescue, St John, NZ Defence Force.
  • Over 30 staff from various agencies conducted welfare check door-knocks on Monday 16 April.
  • Checks in the following priority areas have been completed: Piha, Te Atatu South, Waimauku and Muruawai.
  • Whenuapai and Herald Island checks are still on-going as of 1630hrs, but almost completed.

WELFARE PARTNER AGENCIES
• Tuesday 24 April: No specific update.
  • Auckland Welfare Coordination Group members advise they will continue to liaise with their partner agencies and respond to any further welfare needs as requested or required.
Ministry of Social Development (MSD)
- Work and Income Contact Centres will continue to provide an initial first point of contact for those seeking financial assistance.
- Information about access to services including Auckland Council community facilities continues to be communicated through a range of channels, including: service centres, web and factsheets.
- MSD may be available to provide assistance for those facing extra costs due to the power outage on 0800 559 009. Social media is also being used to direct people to their event website: https://www.workandincome.govt.nz/eligibility/emergencies/auckland-power-outage.html

Tzu Chi Buddhist Compassion Relief Foundation
- The Tzu Chi Foundation delivered blankets and bread yesterday (Monday 16 April) to communities in West Auckland that were still without power.

Health Agencies
- Waitemata DHB Tuesday 17 April, requested all staff who live and work in the Waitemata area to provide an update on the status of their power and hot water.
- As of 1700hrs, Monday 16 April, St John will no longer have a presence in the Auckland Emergency Management ECC. St John did not have any incidents related to the storm event reported today (Monday 16 April). For any urgent ambulance matters phone 111.
- Hospitals in the Waitemata DHBs continue to be busy, but are checking the status of power and hot water in patients' homes before they are discharged.
- On-call DHB staff continue to follow up on people referred to them from the Auckland Emergency Management Operations Centre.
- Some additional resources (i.e., generators) have been provided with support from the Red Cross team doing Welfare Checks.
- Only one Aged Residential facility is still running on 2 generators. Patients have been followed up from the weekend with primary health care providers.

Ministry for Primary Industries (MPI)
- MPI has been in contact with the Northland and Waikato Rural Support Trusts, Federated Farmers, Beef + Lamb, Fonterra, NZ Pork, the Poultry Industry Association and the Egg Producers Federation. In addition, MPI remains in contact with the Waikato Primary Industries Adverse Events Cluster.
- Currently there has only been one report of a producer who was stressed. At this stage there have been no other human welfare issues or flagging morale identified amongst primary producers.
- MPI is a support agency for a number of welfare sub functions related to the primary industries including the DHB which has the lead responsibility for psychosocial support. In this support role MPI is responsible for primary producers rather than rural communities per se. One of the major roles of rural support trusts is to support farmers including mental health issues and counselling services. The trusts cover all aspects of rural agribusiness; dry stock, dairy, cropping, horticulture, forestry, poultry, and rural contracting. They support all rural people - owners, managers, staff, and contractors.
- Rural Women also has strong connections with rural communities and not only can link in with those feeling stressed but also provide a conduit for public messaging (if needed) about mental stress and where to access assistance.
- Rural Support Trusts, producer organisations and companies will continue to monitor the health and welfare of rural people and can advise on how to access to mental health services, counselling services and financial services as appropriate.
- MPI continues to liaise with industry partners to identify and support the needs of the rural communities, in particular those facing prolonged power outages. Public messaging continues to be developed providing advice and support for animal welfare and rural needs.
Lifeline Utility Status

POWER
Total power outages for the Auckland region were approximately 190,000 customers for both Vector and Counties Power.

Vector
- As at 1030hrs, Tuesday 24 April:
  - Vector reports that as far as they are aware, power has largely been restored and they are now business as usual. Vector is still working on a few individual storm-related outages including a few customers that require more complex repairs and are currently on generators. Customers still without power or hot water are advised to contact Vector on 0508 VECTOR (0508 832 867).
  - Vector advises they would like to thank Auckland Emergency Management and members of the Auckland Lifelines Group for their cooperation.
- As at 1200hrs, Monday 23 April:
  - Vector reports that as far as they are aware power has largely been restored, and they are now business as usual. Vector is still working on a few individual storm-related outages including a few customers that require more complex repairs and are currently on generators. Customers still without power or hot water are advised to contact Vector on 0508 VECTOR (0508 832 867).
- As at 1430hrs Saturday 21 April:
  - Vector has advised that storm-related power restoration has been completed apart from a few individual cases still being worked on. A similar update is available on the Vector website [https://www.vector.co.nz/personal/outages/restoration-times](https://www.vector.co.nz/personal/outages/restoration-times). The website also states that hot water at remaining suburbs without it is being systematically restored this weekend open fault count, including non-storm related faults, are as follows:
    - **1051** Open faults
      - **620** of which are related to hot water
      - **431** of which are related to power
- As at 1430hrs Friday 20 April:
  - Vector’s total reported number of open power faults is 485; of this number 119 have an outage duration of seven or more days. Vector reports the suburbs with the most reported low voltage faults include Kumeu, Riverhead, Swanson, Waiatarua and Henderson.
  - Vector’s total number of open hot water faults is 1,884. Vector reports the suburbs with the most reported low voltage faults include Henderson, New Lynn and Te Atatu.
- On Wednesday morning 18 April, Vector advised the following:
  - Approximately 400 are without power including non-storm related ‘normal’ callouts and repairs.
  - Under 2,000 customers are without hot water in the northern and western Auckland areas.
  - 37 field crews are currently deployed to address both power and water outages; priority is in restoring power, however hot water issues will be addressed by crews as they move from one suburb to the next.
- The Vector website has been updated to provide power restoration timeframes per suburb and information on address hot water issues:
  - [https://vector.maps.arcgis.com/apps/webappviewer/index.html?id=73ee423f2ae847cc8038ed77c23ea5d9](https://vector.maps.arcgis.com/apps/webappviewer/index.html?id=73ee423f2ae847cc8038ed77c23ea5d9)
  - [https://www.vector.co.nz/personal/outages](https://www.vector.co.nz/personal/outages)
On Tuesday evening 17 April, Vector advised that there are 850 customers without power, 50% due to power outage and 50% due to normal callouts and repairs and there were 2000 properties without hot water.

- Vector is updating their site with a list of “Estimate restoration times for electricity around Auckland” and on “Hot Water Restoration”.
- Vector delivered 400 food parcels and 100 gas bottles to those still without power in the north and west, Tuesday 17 April.

On Monday evening 16 April, Vector advised that there were approximately 1160 power outages which are now validated and data cleansed. Anticipated circa 1000 by overnight. This data has been provided on a suburb by suburb basis, and includes post storm damage. Some 400 hot water issues have been resolved. Vector has also provided data on 3435 unresolved service requests, on a road by road basis, to assist welfare response. These relate to unresolved outages, no hot water, safety and other service issues.

- Vector advised that call centre volumes, and response times, have been high (up to one hour wait time) but at time of reporting on Monday 16 April, (12.30pm) there was a two minute average.

On Sunday 15 April, Vector, assisted by Fire Emergency New Zealand, and with advice from the New Zealand Police, distributed 1500 food parcels in Kaukapakapa, Dairy Flat, Waimauku, and Waitakere to affected communities.

- Vector advised that safety controls restrict number of staff dealing with access permits for linesmen. More staff have been brought into the control room.
- Vector has been focussing on low voltage outages including resolving customer service lines, while not Vector assets, unless unsafe to do so. This is to ensure that where there is no property damage; customers have power when the crews leave the area.
- Vector has developed a video to inform the public on hot water issues.
- Vector is looking into how to provide data on hot water outages in the North and West, as these become more widely reported by customers. Customers that have had power restored but are still waiting for hot water to be connected should contact Vector.
- At the peak of the storm, there were 180,000 Vector customers without power.

There is significant uncertainty around the total numbers and the locations of outages, as most of these numbers are estimated from customer reports by phone. There are believed to be duplicate reports (where a customer has called more than once) and omissions (where a customer has not called to report an outage, potentially assuming that Vector is already aware of their situation). Auckland Emergency Management continues to seek the most up-to-date accurate data from Vector. This information is critical for Auckland Emergency Management planning.

- Vector advises that all main backbone high voltage feeds are restored, but a number of spur lines are not yet restored.
- Restoration times for remaining customers will vary within outage regions, and the most current data is available in suburb list form on the Vector website here: https://www.vector.co.nz/personal/outages/restoration-times.
- Vector have created an online map which can be found at the following link to show customers that are still without power.: https://vector.maps.arcgis.com/apps/webappviewer/index.html?id=73ee423f2ae847cc8038ed77c23ea5d9

**Counties Power**

- As at 18 April 2018, Counties Power advised that their official storm response is complete. At that time, six customers were without power and Counties Power were actively working with property owners to resolve these more complex multiple poles down and rebuilds. None are known to be in need of any assistance.
- On Wednesday 18 April 1000hrs, Counties Power had no additional update to report.
- On Tuesday 17 April 1800hrs, Counties Power reported all private service line work will be completed today except for those very complex jobs that require multiple new poles and complete rebuilds.
Current number of properties without power or with part power is down to 6 – these are privately owned service lines. They will get all of these reinstated today except for those complex jobs involving multiple poles and rebuilds.

TELECOMMUNICATIONS
- Customers without power in their homes will be unable to use Broadband services.

Vodafone
- Vodafone advises the currently have no sites down in Auckland and all sites are back on mains with no sites running on generator.

2degrees
- AC mains power is back to all 2degrees sites in Auckland which were impacted due to severe weather.

Spark
- All cell sites in relation to the weather event are restored.

Chorus
- Chorus advises that operations are back to normal.

Genesis
- The Lifeline Utility Coordinator also contacted Genesis as a substantial retailer to approximately 40% of Aucklanders, to ask if they could share any information about outage complaints, or about meters which were not recording electricity usage. The billing centre advised that they could not connect external callers, including Auckland Emergency Management, with managers at Genesis. They advised that they don’t log outage information when customers call in; they put a call for service on the customer’s record, which cannot be interrogated subsequently for outage numbers. Therefore they cannot give any information about who is affected. Genesis advised that Vector is sent an ICP file weekly by each retailer which can be cross referenced with customer information.

WATER SUPPLY
- WaterCare advises that operations have returned to business as usual.
- There is no impact on water quality or quantity at any area served by WaterCare.

WASTE WATER
- Healthy Waters reports that it has completed all requested storm-related septic tank clean out activities.
  - The final pump out at a camp ground on Henderson Valley Rd occurred over the weekend.
- Healthy Waters is continuing to provide sucker trucks to locations across west Auckland for septic tank pump outs.
- WaterCare advises that operations have returned to business as usual.

WASTE
- Waste Solutions have advised:
  - Waste Solutions will conduct another drive-by sweep at Piha sometime over this weekend.
  - Storm related arrangements on kerbside collection and free disposal services at the transfer station are still active.
  - Otherwise, operations are normal.
  - They have provided 4 staff to assist with door knocking to "Operation Connect".
  - Are dealing with several one-off collections for food waste pickups, as provided by Auckland Emergency Management.
- Have dealt with a couple of other collections of material as directed by Auckland Emergency Management.
- Have refined the instruction for people in need of a special pickup to be relaxed on how many bags.
- Staff did drive-by sweep of the area in Piha (Wednesday 18 April), in case any rubbish sacks are put out.
- They will be on standby for this coming weekend should any incidents crop up.

**COMMUNITY FACILITIES - ARBORISTS**

- 25 arborist teams have been working to remove downed trees and an additional 20 crews from Auckland Council’s facility contractors have helped with the clean-up of debris.
- 24/7 operations have been scaled back as 30 crews have been working tirelessly.
- As of today, our contractors are reviewing whether all emergency works are in hand following the continuing inclement weather.
  - Once these works are completed our contractors will move on to clearance work and less urgent storm related work.
- It is likely that business as usual jobs that are raised with Council will be delayed both in terms of initial assessment and completion of work unless a critical response is required.
- Auckland Council arborists have returned to normal operating hours.
  - Numbers of incoming calls to report tree damage have declined, however clean-up is still expected to take up to 2 months.
- Auckland Council Community Facilities suggest that reporting by the community on down trees is still needed and that assumptions should not be made that someone else has already called in.
- Teams have been tasked to Vector to assist them in reinstating power across the region.

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**Transportation Status**

- There has been no additional transportation issues reported relating to the April 10 weather event.

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**Public Information**

- 23 April 2018: advice for recipients of portaloo’s on social media regarding how to arrange their collection.
- As of 0900hrs Wednesday 18 April, Auckland Council’s had 40 total media inquiries. There were 19 for radio, 11 for TV, 10 print online, 13 media releases and one stand up media briefing.
- Updating exiting posts on social media, including updating Our Auckland of the latest information.
- Press ads in North Shore Times, Western Leader and Nor West News due to be published Thursday 19 April.
- NZDF requested information on volunteers for their internal communications.
- Drafted internal communications story on volunteer effort.
- Ongoing media interviews, social media updates and monitoring.
- Ongoing customer support/follow up via social media.
- Interviews Tuesday 17 April:
  - 0830 hrs Radio Waatea.
- Advertisement in Rodney Times and Western Leader local papers Tuesday 17 April, half page advert outlining how to cope in power outage and key contact information.
- Provided information to Mediarowks about toilets and water delivered.
- Three radio interviews, Monday 16 April
  - Stuff.co.nz.
  - 1130hrs NZME.
  - 0545hrs First@Five, Radio Live.
  - 0830hrs Radio 531pi.
- Information has been provided to front facing staff and to Auckland Council staff, who may also be affected by power outages.
- Internal and external stakeholders will continue to be updated including elected members.
- PIM is supporting Vector's key messaging.
- Media stand-up briefing at 1:00pm 11/4.

Media Releases
- Media Release #13 1900hrs 17/4 'More power restored and 7000 doors knocked'.
- Media Release #12 1500hrs 16/4 'Trees - stay vigilant and report issues'.
- Media Release #11 15/4 'Welfare teams check on 5000 households'.
- Media Release #10 15/4 'Teams prepare for upcoming weather'.
- Media Release #9 14/4 'More than 2,000 welfare checks made across the region'.
- Media Release #8 14/4 'Clean-up continues in wet weather'.
- Media Release #7 13/4 'Storm update: keep checking on weekend weather'.
- Media Release 13/4 'Arborists working around the clock to make trees safe'.
- Media release #6 12:15pm 'Check on the most vulnerable Aucklanders'.
- Media Release #5 4pm 'Aucklanders without toilet facilities urged to get in touch'.
- ARPHS media release at 3:08pm 12/4 'Preventing food-borne illness when the power’s out'.
- Media Release #4 11:50am 12/4 'Clean-up continues and more bad weather forecast'.
- Media Release #3 6:45pm 11/4 'Cold night ahead, Western Springs closure and regional round-up'.
- Media Release #2 2:30pm 11/4 'Clean-up continues around Auckland'.
- Media Release #1 10:20am 11/4 'Storm clean-up underway around Auckland region'.

Additional Information

Key Contact Information
- If life or property is at risk, call 111.
- To report trees down on public land and around the roading network, call Auckland Council on (09) 301 0101.
Acknowledgements
The Controller of the Auckland Emergency Management Emergency Coordination Centre would like to thank and acknowledge the support received over the last two weeks from all those who assisted in the response including:

- New Zealand Police
- Fire and Emergency New Zealand
- Red Cross
- LandSAR volunteers
- Maori Wardens
- St John’s Ambulance
- New Zealand Defence Force
- Community volunteers

- District Health Boards
- Ministry of Social Development
- Ministry of Primary Industries
- Salvation Army
- Oranga Tamariki
- Tzu Chi Foundation
- Ministry of Business, Innovation, and Employment
- Ministry of Education

- Vector
- Counties Power
- Auckland Transport
- Members of the Auckland Lifelines Group
- MetService

- Auckland Emergency Management Staff
- Auckland Emergency Management Emergency Response Teams
- Auckland Council Volunteer ACES
- Auckland Council Staff Volunteers
- Auckland Council Call Centre
- Auckland Council Public Information Management
- Auckland Council Infrastructure and Environmental Services including Healthy Waters and Waste Solutions
- Auckland Council Community Facilities including Leisure Centres, Libraries, and YMCAs
- Auckland Council Amenities, Infrastructure, and Maintenance Services

- Ministry of Civil Defence and Emergency Management
- Elected Members of Auckland Council
- Members of Parliament

- Urban Maintenance Systems (UMS)
- Countdown
- Hirepool
- Prestige Loos
- Superloo Portaloo Hire

<table>
<thead>
<tr>
<th>Report prepared by: Auckland Emergency Management Intelligence</th>
<th>Report authorised by: John Dragicevich, Controller</th>
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<td>This is the final situation report.</td>
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Local help and assistance

Widespread power outages following a major storm event has left many Aucklanders facing days without essential household needs. This is distressing, stressful and can be lonely and frightening for vulnerable or isolated households. We’ve put together some useful information on how to cope during a power outage and who to contact for help.

Remember, you are not alone – there are many people here to help you or provide advice.

Let’s help each other out

Think about visiting neighbours, friends and family that could need your help.

Take some comfort items with you like a thermos of hot water for tea and coffee, hot water bottles and extra blankets, a camp stove and fresh food, spare batteries for torches, and an alternative power source to charge a mobile phone.

If you’re concerned about a neighbour, friend, or loved one let one of the support agencies in this brochure know and we’ll see what we can do to help.

Heating, lighting and cooking

DON’T be tempted to use unsafe ways to heat your home. Only use fireplaces that have been safety checked, follow the manufacturer’s advice when using gas heaters, NEVER use outdoor gas heaters inside or try to use your BBQ for heating.

DO boil water on your camp stove or BBQ for hot water bottles, wear extra layers of clothing and use extra blankets, close internal doors and curtains to retain heat.

Use camp stoves in well-ventilated places and make sure food is cooked thoroughly before eating.

Take care with candles or use battery-powered lanterns or torches instead, to prevent fire risk.

If using a generator ensure you have enough fuel to keep

Contact us

Auckland Council
For news, building control, council information and assistance:
09 301 0101
For welfare concerns and assistance:
0800 22 22 00
Visit ourauckland.govt.nz for more information

Ministry of Social Development
For financial assistance, benefits and housing:
0800 559 009

Lifeline

Need to talk? Free call or free text any time for support from a trained counsellor:
0800 543 354 or text 4357

Healthline

Are you feeling unwell – but not sure whether to see a doctor? Do you need advice about a friend or family who is sick? Healthline nurses can help you any time.
0800 611 116

If life or property is at risk, call 111.
Medical help and advice
Contact your GP if you’re concerned about health issues. Contact your health provider if you need support like home support services (including those you currently receive).

Animal welfare
Pets are just as likely to become unwell by consuming unsafe food. If you are disposing food due to the power outage and if it is not safe for you to eat, it is not safe for your pets to eat. If you are boiling water to drink, do the same for your pets.

If your stock drinking water supply is reliant on power to fill troughs, you will need to keep an eye on stock water to ensure it does not run out.

Security and crime prevention
Unfortunately emergency situations can also prompt criminal activity. Check that neighbours properties are secure and remember, if you see anyone committing a crime or behaving suspiciously, phone 111 and report it to Police. If they are in a vehicle, write down the number plate, vehicle description and any other information. DO NOT put yourself in harm’s way.

Toilet facilities
We encourage anyone without access to a toilet or drinking water because of the power outage to phone Auckland Council on 0800 22 22 00. We will take your details and get a portaloo and portable drinking water source for you.

Hot water
Electric hot water in some parts of Auckland is on a separate network of lines to electricity. This means some people may have power but no hot water. If your power has been restored but you have no hot water, contact Vector on 0508 VECTOR (0508 832 867).

Vector advises customers to be prepared for wait times of several days before hot water can be restored.

Staying up to date and in touch
Listen to the radio for up to date news and advice. If you don’t have a battery operated radio, perhaps listen in your car. Conserve phone battery; limit mobile calls and data use (which drains your battery).

Make use of local community facilities
Drop into your local library or community hub to charge your phone. Libraries also have free internet and a warm place to sit. Auckland Council Leisure Centres and YMCA’s across the region are offering hot showers.

If you’re driving and traffic lights are out, remember to follow the road code and give way rules.

Financial and housing assistance
The Ministry of Social Development might be able to help with urgent or unexpected costs like petrol, food or furniture; living expenses like medical costs, house repairs or maintenance, appliance replacement, bedding, food, rent and power bills.

You can also talk to the Ministry about loss of income because of the storm, benefit and housing assistance.

You don’t have to be on a benefit. You may have to pay the money back depending on your situation. Phone the Ministry on 0800 559 009 to discuss your situation.

Insurance
Many insurers provide cover for food spoilage as a result of a power outage. They may also cover the cost of temporary accommodation if you can’t stay at home and claim support if your home or property has been damaged during the storm.

Check your policy, phone your insurer and take photographs of the items you’re claiming for – even your spoiled food!

Food safety and hygiene prevention
Take care with food from your fridge and freezer to avoid food poisoning and manage spoilage issues. After more than two days without power, highly perishable foods may not be safe to eat.

- Throw out rotten or contaminated food quickly so it doesn’t spoil other food in the fridge.
- You can still eat food like raw vegetables, cheese and bread.
- Dispose of any food from the freezer which has thawed out and been at room temperature for longer than two hours.
- When the power comes back on, it is important not to refreeze food that has defrosted.
- If the frozen food has ice crystals and the packaging is intact then it can be refrozen.
- If you are unsure, have a closer look and smell. If the colour has changed, it has a slimy texture or if it smells off, it probably is off.
- If you eat food that has gone off, you can risk infection from salmonella, campylobacter and a range of food poisoning bacteria.

Maintaining hygiene around food preparation and cooking requires more thought than normal.

- Always wash and dry your hands before preparing food – if water is in short supply keep some in a bowl with disinfectant.
- Ensure all utensils are clean before use.
- Cook food thoroughly.
Project Brief

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<thead>
<tr>
<th>Project title</th>
<th>10 April 2018 Auckland Storm Event Independent Review</th>
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<tbody>
<tr>
<td>Sponsor</td>
<td>Stephen Town, Chair of Auckland Civil Defence</td>
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<td></td>
<td>Emergency Management (CDEM)</td>
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<td>Coordinating Executive Group (CEG)</td>
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<td>Owner</td>
<td>Auckland CDEM Coordinating Executive Group (CEG)</td>
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<tr>
<td>Project manager(s)</td>
<td>Koro Dickinson, Executive Officer – Auckland Council</td>
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Background
The 10 April 2018 storm event in Auckland resulted in the most widespread power outage event in New Zealand history with almost one third of households in the Auckland region (approximately 560,000 Aucklanders) affected. The response to this event saw the largest welfare exercise undertaken in Auckland and the most significant in New Zealand since the 2011 Christchurch earthquake.

Considering the unprecedented scale of this event it would be useful to confirm the outcomes – this includes risks, welfare needs, outreach, communications and overall effectiveness.

The Auckland CDEM Coordinating Executive Group - in its statutory role supporting the Auckland CDEM Group Committee and in providing leadership/coordination across a range of agencies/organisations working in the CDEM sector - has agreed to commission an independent review of the Auckland CDEM Group response to the 10 April storm event and subsequent power and hot water outages1.

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1 This was endorsed at the 3 May 2018 meeting of the Auckland CDEM Coordinating Executive Group.
Purpose
The Auckland CDEM Coordinating Executive Group seeks to understand successes and areas for improvement arising out of the response by the Auckland CDEM Group to the 10 April 2018 Auckland storm event. The CEG also seeks to identify steps that could be taken to ensure that risk is minimised/mitigated for events of a similar or greater magnitude/impact in the future.

Scope
The scope of this independent review will cover the response to the storm event from the Auckland CDEM Group and will provide:

- A description of the 10 April 2018 Auckland storm event and its impacts and scale.
- A description, timeline and summary of the Auckland CDEM Group response to the storm event.
- A summary of the legislative and other responsibilities of those CEG agencies and lifeline utilities in the response to the event, and identification of gaps. A description of those actions undertaken by those CEG agencies and lifeline utilities involved in the response to the event.
- A summary of communications and engagement with the public during the storm response by the Auckland CDEM Group and lifeline utilities.
- A summary of the actions of the Auckland Emergency Management Emergency Coordination Centre in leading and mobilising the support of the wider Auckland Council organisation in responding to community needs.
- An assessment, based on documentation and interviews and a consideration of debrief materials and action plans, of the overall effectiveness of the Auckland CDEM Group response to the storm event.
- The effectiveness of the Auckland CDEM Group in obtaining and sharing situational awareness.
- The effectiveness of relationships with key stakeholders including lifeline utilities (and other infrastructure providers) and how that informed the response
- Recommended actions to be undertaken in Auckland and considered nationally to ensure that risk is minimised/mitigated for events of similar or greater magnitude/impact in the future².

² The Auckland CDEM Coordinating Executive Group recognises that some of the recommended actions may not fall within the remit or responsibilities of the CEG and its member agencies and organisations. The engagement and input of those agencies and organisations, including lifeline utilities (providers and retailers), will be encouraged throughout the process of this independent review.
Process

Subject to the purpose and scope of this Project Brief the independent reviewer will determine his/her own procedure for undertaking the review. That said, the sponsor expects that the reviewer will adopt the following general process:

- A fact-finding stage (which may include interviews, reviewing records, and site inspections).
- Analysis of information gathered.
- Preparation of a draft report (consistent with the scope of this Project Brief) with related CDEM sector maturity matrix or similar for the review of the sponsor.
- Feedback on the draft report by members of the Auckland CDEM Coordinating Executive Group.
- Preparation of a final report for delivery to the sponsor.

It is expected that the final report will be considered and agreed by the Auckland CDEM Coordinating Executive Group and recommended to the Auckland CDEM Group Committee for adoption of its recommendations.

Deliverables

- Communications plan – working with the sponsor, the independent review lead will determine the best way to communicate the learnings from the review and to achieve its purpose.
- Draft and final reports outlining both learnings and recommendations – this includes coverage of issues which are systemic in nature and can be applied to future events.
- Presentation to the CEG of the report’s learnings and recommendations.

Review team

The review is to be conducted under an Auckland Council contract. Secretariat and project management support will be provided to the review team by Auckland Council. The cost of conducting the review will be met by Auckland Council.

The final report is to be provided to the sponsor no later than 22 October 2018 for consideration by the Auckland CDEM Coordinating Executive Group at its meeting on 5 November 2018.
Te take mō te pūrongo / Purpose of the report
1. To seek the approval of the 10 April 2018 Storm Group Recovery Action Plan.

Whakarāpopototanga matua / Executive summary
2. The 10 April 2018 Storm Group Recovery Action Plan (the Plan) sets out the recovery activities to be undertaken related to the 10 April storm. The Plan was developed under the emergency management framework established by the Civil Defence Emergency Management Act 2002 and its subsidiary instruments.

3. The 10 April storm did not require an emergency to be declared, a notice of transition to be notified, nor a recovery office to be established.

4. The scale and scope of the Plan is defined by the nature of the 10 April storm and its impacts. The greatest of the impacts relate to the high winds, treefall and disruption of overhead electricity supplies. Though large numbers of Aucklanders were without electricity for a time, with some remaining without power for a longer time, most affected households were able to return to normal or near normal when electricity was restored. In some areas the restoration of hot water heating was delayed.

5. Based on the information received through the response, contact with residents and input from stakeholders, the Plan seeks to restore communities through clean-up activities and to enhance resilience to prolonged power outages in vulnerable and remote communities.

Ngā tūtohunga / Recommendation/s
That the Civil Defence and Emergency Management Group Committee:
a) approve the 10 April 2018 Storm Group Recovery Action Plan.

Horopaki / Context
6. The Civil Defence Emergency Management Act 2002 (the Act) sets the framework for emergency management in New Zealand, and directly and indirectly provides for Reduction, Readiness, Response and Recovery.

7. The Act defines Recovery as “the co-ordinated efforts and processes used to bring about the immediate, medium-term, and long-term holistic regeneration and enhancement of a community following an emergency” (the Act, section 4).

8. Directors Guidelines for Recovery Management (DGL 04/05), among others things, provides for the development of Recovery Action Plans setting out the activities that will be undertaken to achieve recovery, by whom and by when.

9. The 10 April 2018 Group Recovery Action Plan (the Plan) identifies the recovery activities to be undertaken following the 10 April storm.

Tātaritanga me ngā tohutohu / Analysis and advice
10. It is important to note at the outset that the disruption caused by the 10 April storm did not require an emergency to be declared, a notice of transition to be notified, nor a recovery office to be established.
11. By far, the greatest damage and widest impact of the storm resulted from treefall: impairing access and egress to property, impeding roads, short-term disruption of transport services and impacting other infrastructure, particularly electricity distribution.

12. Electricity is central to modern day living and outages significantly disrupt the operation of households. The impacts on residents varied depending on their circumstances and the duration of the outage. The restoration of power enables a return to normal function, although longer periods without electricity can mean frozen food defrosts and spoils, some medicines spoil and other secondary impacts occur.

13. The impacts of the power outage on residents varied depending on their circumstances and the duration of the outage. Their experience was influenced by the:

- availability of alternate energy sources and facilities for cooking, hot water, heating and operating essential appliances or equipment
- nature of the water supply – reticulated supply, water tank utilising gravity or water tank requiring an electric pump
- type of sewage system – passive septic systems or systems requiring electricity for processing or connections to reticulated systems reliant on electricity (i.e. pumping)
- composition of households – with babies, young children, seniors and the number of residents increasing the reliance on electricity for household to function healthily
- personal circumstances such as health conditions, increasing the reliance on electricity for personal wellbeing (i.e., refrigeration for medicines and motorised beds)

14. The outages resulting from the 10 April storm were numerous over extensive areas of the region. The impacts of the outages endured, for the most part, until power was restored whereupon household function was able to return to normal. It was more the extent of the time required to affect all repairs due to the scale of the repairs needed. As a consequence, some residents were without power for 7 or more days. More vulnerable and remote communities like Muriwai, Piha, Karekare, Franklin, Kaukapakapa and Dairy Flat were more severely impacted than other communities. In some area hot water heating was delayed for a period after electricity supplies were restored.

15. The Plan does not provide for activities which in the ordinary course are provided for by insurance services for property damage or financial assistance is available for people whose circumstances qualify for support. The Plan provides for more immediate regeneration activities and medium to longer term enhancement activities. Just as the response targeted community welfare needs there are two recovery goals seeking to reduce immediate and potential future need, community need:

- **Restore communities through continued clean-up activities**
  By removing so far as possible, physical remnants of the 10 April 2018 storm and its aftermath form public and reserve spaces.

- **Future proofing to enhance resilience to prolonged power outages in vulnerable and remote communities**
  By working with the community to pilot ways of building capacity, tools and mechanisms to enhance resilience, advocacy to mitigate the impacts of treefall, improve infrastructure planning and redundancy and improve information transfer

16. Section 3.0 of the Plan sets out the eight activities to be undertaken in pursuit of these goals. The majority are focused on future proofing and enhancing resilience. This is consistent with the nature of the impacts that tended to endure for the period power supplies were disrupted.
<table>
<thead>
<tr>
<th></th>
<th>Activities</th>
<th>Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Removal or mulch and use of storm debris</td>
<td>Immediate activity to remove physical remnants from public spaces and reserves, removes potential hazards and restores amenity to communities. This activity is undertaken by Auckland Council and its contractors.</td>
</tr>
<tr>
<td>2</td>
<td>Removal of spoiled food</td>
<td>Immediate activity, now completed to remove spoiled food, eliminating a potential health risks and waste that may attract pests. This activity was undertaken by Auckland Council contractors.</td>
</tr>
<tr>
<td>3</td>
<td>Monitor and evaluate the needs of vulnerable and remote coast and rural communities</td>
<td>Best combined these medium-term activities are targeted towards enhancing the resilience of residents with non-reticulated water and sewage systems dependent upon electricity. Sharing local knowledge, education, supplementing or complementing systems, and /or modifying behaviours can all assist in ensuring that water, heat, light and food preparation is less disrupted in future events. For example, maintaining power banks to charge cell phones can ensure communications. This activity will be undertaken by Auckland Emergency Management.</td>
</tr>
<tr>
<td>4</td>
<td>Develop a programme to engage with vulnerable and remote rural and coastal communities to pilot development of tools, and mechanisms to enhance resilience. For example, the development of a ‘Winter Plan’</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Further leverage ‘collaborative message sharing’ through identifying and utilising social media pages and social media groups to disseminate information.</td>
<td>Communication during events can be fraught and made more difficult by disruption to channels reliant on electricity. Where communications and messages are passed to others by the original recipients can increase effectiveness. For example, someone reads a message and calls to check on a friend. This activity will be undertaken by Auckland Emergency Management.</td>
</tr>
<tr>
<td>6</td>
<td>Monitor economic publications to better understand the economic impacts – i.e. Treasury, MBIE, MPI, NZIER, Insurance Council of New Zealand, trading banks.</td>
<td>Little information was received of impacts from the business community and there is uncertainty about the nature and scale of impacts. Understanding the economic impacts can improve our knowledge and inform wider development of policy and emergency management planning. This activity will be undertaken by Auckland Emergency Management.</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
<td></td>
</tr>
</tbody>
</table>
| 7 | MCDEM to pursue regulatory solutions to:  
• mitigate the contribution trees made to the power outages  
• improve infrastructure redundancy |
|   | The most significant damage resulted from treefall. The Electricity (Hazards from Trees) Regulations 2003 seek to balance the trade-offs associated with street trees—maintaining amenity, minimising disruption to overhead electricity supply and the costs of maintenance. The scale of the disruption experienced may question the effectiveness of current regulatory settings. This is not an issue that can be addressed by Auckland Emergency Management or Auckland Council and needs to be addressed at the national level. |
| 8 | MCDEM and other central government agencies to enable improved data transfer to; and sharing of information/shared situational awareness amongst emergency management agencies, and particularly between retail power companies and power line companies. |
|   | It became apparent through the response that information about the status of connections and potential medical conditions of customers is not readily accessible by emergency management agencies or line companies. Nor would it be accessible under the powers of the Civil defence Emergency Management Act 2002. Until information became available by other, slower means, people with medical conditions were not able to be effectively targeted for assistance, response planning, targeting assistance and communications with the public were less effective than they otherwise would have been. This is not an issue that can be addressed by Auckland Emergency Management or Auckland Council and needs to be addressed at the national level. |

**Ngā whakaaweawe ā-rohe me ngā tirohanga a te poari ā-rohe / Local impacts and local board views**

17. The Plan was developed on the basis of the information on local impacts received from residents and through stakeholders and their networks, Operation Connect, the Welfare desk and Council networks, including local board members.

18. The speed of events precluded formal engagement with local boards on the development of the Plan. However local boards will be involved in work with communities to pilot ways of enhancing resilience in vulnerable and remote communities.

**Tauākī whakaaweawe Māori / Māori impact statement**

19. The speed of events precluded specific engagement with mana whenua or mata waaka on the development of the Plan. Local Māori will be engaged where work with communities to pilot ways of enhancing resilience in vulnerable and remote communities is undertaken.

**Ngā ritenga ā-pūtea / Financial implications**

20. There are no specific financial implications arising form the 10 April 2018 Storm Group Recovery Action Plan with costs being absorbed through current operational budgets.
Ngā raru tūpono / Risks

21. There are no specific risks arising through the 10 April 2018 Storm Group Recovery Action Plan not able to be addressed prudent work management. Rather the activities directed achieving ‘future proofing’ and enhancing resilience identified to reduce potential future risk.

Ngā tāpirihanga / Attachments

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Draft 10 April 2018 Storm Group Recovery Action Plan</td>
<td>39</td>
</tr>
</tbody>
</table>

Ngā kaihaina / Signatories

<table>
<thead>
<tr>
<th>Author</th>
<th>Authorisers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wayne Brown – Principal Recovery Advisor</td>
<td>Jennifer Rose – Head of Recovery</td>
</tr>
<tr>
<td></td>
<td>John Dragicevich - Director Auckland Emergency Management</td>
</tr>
</tbody>
</table>
10 April 2018 Storm Group Recovery Action Plan

18 May 2018
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1.2 Recovery Goals | 1
1.3 Development of this Plan | 1
2.0 The Events and its impacts | 2
2.1 The 10 April 2018 Storm | 2
2.2 The Impacts | 2
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4.0 Exit Strategy | 7
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10 April 2018 Storm Group Recovery Action Plan

1.0 INTRODUCTION

1.1 Purpose

The 10 April 2018 Storm Group Recovery Action Plan (the Plan) sets out the goals for recovery from the impacts of the April Storm and provides for their achievement through the activities outlined in the Plan.

1.2 Recovery goals

In practical terms, the scope and scale of a recovery is defined by the nature of the event and its impact. Ensuring recovery actions are directly proportionate to the recovery need, helps focus activities on addressing identified issues.

The formal establishment of a Recovery Office was not required given the nature of the 10 April 2018 Storm and the duration of its impacts.

Just as the response targeted community welfare needs, the recovery goals seek to reduce immediate, and potential future, community need. The first goal focuses on the immediate aftermath of the April Storm and the second focuses on working with communities to enhance readiness:

- **Restore communities through continued clean-up activities**

  The focus under this goal is on removing, so far as it is possible, the physical remnants of the 10 April 2018 Storm and its aftermath within reserves and public spaces.

- **‘Future proofing’ to enhance resilience to prolonged power outages in vulnerable and remote communities**

  The focus under this goal is on reducing potential future community need by piloting work with vulnerable, remote coastal and rural communities to build capability, tools and mechanisms that enhance resilience. Other elements include investigating opportunities to further leverage social media channels to disseminate information; and advocacy to mitigate the impact of treefall, improve infrastructure planning and redundancy, and close significant gaps regarding data transfer about street-level connections to emergency management agencies.

1.3 Development of this Plan

This Plan is based, in part, on the Situation Reports created during the response to the 10 April 2018 storm event, comments made by residents during interaction with Auckland Council staff and responding agency volunteers during deliveries of aid, the door-knocking campaigns as part of Operation Connect, and by direct contact through the Welfare Desk. Information from partners and key stakeholders in the intervening period also informed development of the Plan.

This Plan is in effect, subject to the formal approval by the CDEM Group Committee at its meeting on 30 May 2018.
2.0 THE EVENT AND ITS IMPACTS

2.1 The April Storm

Auckland experienced region-wide gale force winds, thunder, lightning and localised squalls because of the interaction of a series of low pressure weather systems between Tuesday 10 April and Wednesday 11 April 2018.

The critical period when most damage was sustained was overnight on Tuesday, 10 April, between 2000 hrs and 0400 hrs the next day. There were widespread sustained westerly winds of 120 km/hr across Auckland as closely predicted by Met Service, Auckland Emergency Management’s advisors. Although not representative of the regional wind strength, a top wind gust of 213 km/h was recorded at the Manukau Heads.

The strength of the winds brought down trees and severely disrupted the overhead electricity supply network.

2.2 Impacts

Wind damage to property such as lifted roofs or damage to minor structures, may have occurred, although no reports of significant or widespread damage were received. The Insurance Council advised they will not be able to provide a cost assessment of residential claims for some weeks. By far, the greatest damage and widest impact resulted from tree fall; impairing access and egress to property, depositing storm debris on roads, disrupting transport services for a short time and impacting other infrastructure, particularly electricity distribution. The impacts of the power outages are summarised below:

<table>
<thead>
<tr>
<th>Environment</th>
<th>Impacts</th>
<th>Description</th>
<th>Immediate Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social</td>
<td>Essential needs</td>
<td>Loss of electricity resulting, in some cases, in:</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• inability to draw water for drinking, food preparation and personal hygiene</td>
<td>No / last portaloos being uplifted</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• operation of sewage systems</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• loss of heating</td>
<td>Completed - insurance or social assistance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• food spoilage and loss of freezer contents</td>
<td></td>
</tr>
<tr>
<td>Health</td>
<td>Health</td>
<td>Loss of power to primary health facilities such as general practices, pharmacies, accidents and emergency centres and residential care facilities</td>
<td>No immediate actions as power restored</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Loss of power generated discomfort, distress and potential risk for people with special needs, disabilities, in palliative care or in residential care</td>
<td>Yes – systemic issues remain</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Power outages increased the vulnerability of people with medical conditions requiring special treatment/equipment in their homes – i.e., kidney dialysis</td>
<td>unresolved as to treefall and data transfer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Loss of power to low pressure pumped sewage systems (generated some overflows on private property in some instances)</td>
<td>(MCDEM to resolve data transfer issues)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Emergency pumping (completed)</td>
</tr>
</tbody>
</table>
## 10 April 2018 Storm Group Recovery Action Plan

<table>
<thead>
<tr>
<th>Environment</th>
<th>Impacts</th>
<th>Description</th>
<th>Immediate Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Built Natural Economic</strong></td>
<td>Transport disruption</td>
<td>Power outages disrupted the transport network through:</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• a small number of road closures</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• loss of some public transport services for a short period of time and delays</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• loss of traffic, signals and electronic signage.</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Communications</td>
<td>Some disruption through sustained loss of power at cell phone towers and radio repeater stations before generators were installed at key sites</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Water &amp; Fire services</td>
<td>Loss of power to a small number of Fire stations and water pumping stations before generators were installed at key sites</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Tree fall</td>
<td>Significant numbers of fallen trees/downed limbs and foliage caused power outages and impeded both private and public access and roading</td>
<td>Removal or mulch and use of storm debris</td>
</tr>
<tr>
<td></td>
<td>Business Associations (BIDs) and small businesses</td>
<td>The Blockhouse Bay and Onehunga Business Associations reported power outages affecting member business</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Claims for damage</td>
<td>Auckland Council (Risk &amp; Claims Management) has advised of claims in respect of Council assets and public liability claims in respect of damage from fallen trees.</td>
<td>Ongoing insurance processes</td>
</tr>
</tbody>
</table>

The impacts of the power outage on residents varied depending on their circumstances and the duration of the outage. Their experience was influenced by the:

- availability of alternate energy sources and facilities for cooking, hot water, heating and operating essential appliances or equipment
- nature of the water supply – reticulated supply, water tank utilising gravity or water tank requiring an electric pump
- type of sewage system – passive septic systems or systems requiring electricity for processing or connections to reticulated systems reliant on electricity (i.e. pumping)
- composition of households – with babies, young children, seniors and the number of residents increasing the reliance on electricity for household to function healthily
- personal circumstances such as health conditions, increasing the reliance on electricity for personal wellbeing (i.e., refrigeration for medicines and motorised beds).

Anecdotaly, there are indications that changes within the resident population of coastal communities may mean the previously high level of local knowledge of, and resilience to, adverse weather events, is no longer shared as widely. For example, some residents of isolated west coast communities did not know how their septic tank system worked, or whether of how they could draw water their tanks without power.
10 April 2018 Storm Group Recovery Action Plan

The effect the April Storm had on businesses will remain opaque until more information becomes available. Contact has been made with the Insurance Council who advise that they will be in position to provide more information in about 4 weeks. It is noted however, that there is the potential for under-reporting due to suspected levels of underinsurance, particularly amongst smaller businesses.

2.3 – Identified issues

From this analysis, the following, more immediate, issues have been identified:

- treefall was a significant issue, contributing to the power outages and the need to continue with the physical clean-up of storm debris
- some residents may still be dealing with financial implications of the April Storm, either by way of insurance claims or through the processes available from Ministry of Social Development.

However, some of our rural and coastal communities, such as Muriwai, Piha and Karekare, Franklin, Kaukapakapa and Diary Flat were impacted more severely than other communities. The approaching winter and the prospect of more storms presents the opportunity to work with the community to pilot ways to enhance their resilience in the event of future prolonged power outages.

It became evident that the need for access to real-time, accurate, street-level information is of paramount importance to the implementation of an effective integrated response and recovery.

The 10 April 2018 storm event highlighted that tree regulation and enabling timely transfer of information regarding the status of individual property electrical connections to those coordinating an emergency response are national challenges for which MCDEM should pursue regulatory and legislative resolution.

3.0 April 10 Storm Group Recovery Activities

In keeping with the goals, recovery activities address more immediate needs or focus on opportunities to reduce potential, future needs.

Activities to achieve the Plan’s recovery goals are set out in the following table. The outcomes they contribute to, how we would identify success, possible risks and opportunities, timeframes and the agency leading the work, are considered and indicated as appropriate.

It is recognised that these activities may be influenced by outcomes of the ‘10 April 2018 Auckland Storm Event Independent Review’ and debrief processes within and across participating organisations and groups.

This Plan is a living document, to ensure the activities identified remain aligned to the outcomes of the review and evaluations.
10 April 2018 Storm Group Recovery Activities

<table>
<thead>
<tr>
<th>Recovery activities</th>
<th>Outcome</th>
<th>Success factor</th>
<th>Opportunities/risks</th>
<th>Short, Medium or Long term</th>
<th>Lead Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restore communities through continued clean-up activities</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Removal or mulch and use of storm debris</td>
<td>Restore the Community</td>
<td>Completion of removal or mulch and use of storm debris</td>
<td>+ restoration of spaces and accessways</td>
<td>Immediate</td>
<td>Auckland Council</td>
</tr>
<tr>
<td>2. Removal of spoiled food</td>
<td>Removal of spoiled food has been completed</td>
<td></td>
<td>+ reduced health risk</td>
<td>Immediate</td>
<td>Auckland Council</td>
</tr>
</tbody>
</table>

'Future proofing' to enhance resilience to prolonged power outages in vulnerable and remote communities

|                                                        |                                                   |                                                                                |                                                                                     |                            |                                  |
|---------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------|                            |                                  |
| 3. Monitor and evaluate the needs of vulnerable and remote coast and rural communities | Restore the Community Enhance readiness Reduce impacts Enhance resilience | Direct community feedback Feedback via community leaders                          | + ability to better target needs and gaps                                          | Medium                     | Auckland Emergency Management    |
| 4. Develop a programme to engage with vulnerable and remote rural and coastal communities to pilot development of tools, and mechanisms to enhance resilience. For example, the development of a ‘Winter Plan’ | Local Board feedback Delivery of tools and mechanisms (including measures of their efficacy) |                                                                                | + opportunity to pilot ways to enhance capability, and develop tools and mechanisms of wider benefit | Medium / long term          | Auckland Emergency Management    |
| 5. Further leverage ‘collaborative message sharing’ through identifying and utilising social media pages and social media groups to disseminate information. | Support readiness Aid response | Increased incidence of messages being shared (i.e. re-tweeted / re-posted)       | + potential to increase reach and timeliness of messaging                          | Medium                     | Auckland Emergency Management    |
## 10 April 2018 Storm Group Recovery Action Plan

<table>
<thead>
<tr>
<th>Recovery activities</th>
<th>Outcome</th>
<th>Success factor</th>
<th>Opportunities/risks</th>
<th>Short, Medium or Long term</th>
<th>Lead Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>6. Monitor economic publications to better understand the economic impacts – i.e.</td>
<td>Enhance readiness</td>
<td></td>
<td>+ informed understanding of cost implications</td>
<td>Medium</td>
<td>Auckland Emergency Management</td>
</tr>
<tr>
<td>Treasury, MBIE, MPI, NZIER, Insurance Council of New Zealand, trading banks</td>
<td>Reduce impacts</td>
<td></td>
<td>+ support strategic planning for recovery</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enhance resilience</td>
<td></td>
<td>- dependent on publication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. MCDEM to pursue regulatory solutions to:</td>
<td>Aid reduction</td>
<td></td>
<td>+ potential reduction of outages from treefall</td>
<td>Medium / Long</td>
<td>MCDEM</td>
</tr>
<tr>
<td>• mitigate the contribution trees made to the power outages</td>
<td>Issues acknowledged</td>
<td></td>
<td>- potentially protracted policy process</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• improve infrastructure redundancy.</td>
<td>Commitment to action</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. MCDEM and other central government agencies to enable improved data transfer to,</td>
<td>Aid response</td>
<td></td>
<td>+ significant gains available</td>
<td>Medium / Long</td>
<td>MCDEM</td>
</tr>
<tr>
<td>and sharing of information/shared situational awareness amongst emergency</td>
<td>Reduce potential harm</td>
<td></td>
<td>+ improved decision making</td>
<td></td>
<td></td>
</tr>
<tr>
<td>management agencies</td>
<td>Shared operating picture</td>
<td></td>
<td>- potentially protracted policy process</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Issues acknowledged</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Commitment to action</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 For example - tree trimming is subject to the Electricity (Hazards from Trees) Regulations 2003
## 4.0 Exit Strategy

Exit from each activity has been considered individually as set out below:

<table>
<thead>
<tr>
<th>Recovery activities</th>
<th>Exit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Restore communities through continued clean-up activities</strong></td>
<td></td>
</tr>
<tr>
<td>1. Collection and removal of storm debris</td>
<td>Exit executed on completion of removal</td>
</tr>
<tr>
<td>2. Removal of spoiled food</td>
<td>Completed</td>
</tr>
<tr>
<td><strong>‘Future proofing’ to reduce impacts of prolonged power outages in vulnerable and remote communities</strong></td>
<td></td>
</tr>
<tr>
<td>3. Monitor and evaluate the needs of vulnerable and remote coast and rural communities</td>
<td>Incorporated into work programme of Resilience and Welfare team [NB may be replaced by monitoring and evaluation of the tools and mechanisms developed]</td>
</tr>
<tr>
<td>4. Develop a programme to engage with vulnerable and remote rural and coastal communities to pilot development of tools and mechanisms to enhance resilience. For example, the development of a ‘Winter Plan’</td>
<td>Exit on expiry of 6 months or as modified in response to details emerging through undertaking the activity.</td>
</tr>
<tr>
<td>5. Further leverage ‘collaborative message sharing’ through identifying and utilising social media pages and social media groups to disseminate information.</td>
<td></td>
</tr>
<tr>
<td>6. Monitor economic publications to better understand the economic impacts – i.e. Treasury, MBIE, MPI, NZIER, Insurance Council of New Zealand, trading banks</td>
<td>Ongoing monitoring of relevant papers</td>
</tr>
<tr>
<td>7. MCDEM to pursue regulatory solutions to:</td>
<td>Commitment to action by central government</td>
</tr>
<tr>
<td>• mitigate the contribution trees made to the power outages</td>
<td></td>
</tr>
<tr>
<td>• improve infrastructure redundancy.</td>
<td></td>
</tr>
<tr>
<td>9. MCDEM and other central government agencies to enable improved data transfer to, and sharing of information/shared situational awareness amongst emergency management agencies</td>
<td>Commitment to action by central government</td>
</tr>
</tbody>
</table>

It is noted that the detail of exit may be subject to change if the activities change to align with the outcomes of the review and evaluations.
5.0 Governance

5.1 Overview

Identifying an appropriate governance structure is integral to the oversight and successful delivery of recovery activities. The structure set out below reflects the nature of the event, the absence of a Recovery Office, and:

- the primary impact of the April Storms being on the welfare function and Auckland lifelines with the support of, and implication for the intelligence and operations/logistics functions
- the dual role of the Group Welfare Manager who is Auckland Emergency Management’s Head of Resilience and Welfare, while also the Chair of the Auckland Welfare Coordination Group (AWCG)
- that Auckland Council is a unitary local authority, and administrator of the Auckland CDEM Group.

Reporting lines focus on the Group Recovery Manager for the event commensurate with responsibilities with the oversight of the CDEM Group Committee.

*MCDEM are observers over a range of emergency management groups and related activities

^Not activated.
## 5.2 Key Personnel and Key Dates

<table>
<thead>
<tr>
<th>Role</th>
<th>Name and Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>John Dragicevich, Director of Auckland Emergency Management</td>
</tr>
<tr>
<td>Group Welfare Manager / Chair ASCG</td>
<td>Catherine Cooper, Head of Resilience and Welfare, Auckland Emergency Management</td>
</tr>
<tr>
<td>Utility Lifelines Coordinator:</td>
<td>Sarah Sinclair, Chief Engineer, Infrastructure and Environmental Services, Auckland Council</td>
</tr>
<tr>
<td>Group Operations Manager</td>
<td>Ben Hankinson, Head of Emergency Operations, Auckland Emergency Management</td>
</tr>
<tr>
<td>Acting Recovery Manager for April 10 Storm / Recovery Desk</td>
<td>Wayne Brown, Principal Recovery Advisor, Auckland Emergency Management</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate recovery activities commenced</td>
<td>16 April 2018</td>
</tr>
<tr>
<td>Recovery Meeting with MCDEM Regional Emergency Management Advisers</td>
<td>18 April 2018</td>
</tr>
<tr>
<td>Recovery Planning commenced</td>
<td>18 April 2018</td>
</tr>
<tr>
<td>Response period ended</td>
<td>24 April 2018</td>
</tr>
<tr>
<td>Recovery Planning Workshop</td>
<td>24 April 2018</td>
</tr>
<tr>
<td>April Storm Group Recovery Plan commences</td>
<td>18 May 2017 (immediate recovery activities commenced prior to Recovery Planning)</td>
</tr>
<tr>
<td>Review Recovery Action Plan</td>
<td>3 monthly intervals, for the period activities are ongoing.</td>
</tr>
<tr>
<td>Anticipated conclusion of Recovery</td>
<td>18 October or earlier for all recovery activities except those requiring a governmental regulatory or legislative or</td>
</tr>
</tbody>
</table>
Te take mō te pūrongo / Purpose of the report

1. To recommend minor amendments to the CDEM Group Plan to reflect new arrangements for the formal transition from response to recovery, and strategic planning for recovery.

2. To recommend the appointment of Wayne Brown (Auckland Emergency Management’s Principal Recovery Advisor) as an Alternate Group Recovery Manager.

Whakarāpopototanga matua / Executive summary

3. Amendments to the Civil Defence and Emergency Management Act 2002 and the Directors Guidelines for Strategic Planning for Recovery; introduce new arrangements for transitioning from response to recovery, clarify roles and responsibilities for recovery and strategic planning for recovery. CDEM Group Plans are required to make provision for these changes from 1 June 2018.

4. New arrangements for the formal transition from response to recovery require the authorisation of people to issue a Notice of Transition. It is recommended that the same people able to declare an emergency are authorised, in the same way, to issue a Notice of Transition. The necessary amendments to the CDEM Group Plan are set out in item 3, in Attachment B.

5. A series of actions to implement strategic planning for recovery have been identified by analysis and comparison of the CDEM Group Plan ‘Resilience Auckland’ and the requirements to strategically plan for recovery as set out in Attachment A. The Coordinating Executive Group recommends the minor amendments to the CDEM Group Plan set out in Attachment B. The amendments in items 1, 2 and 5 make better provision for strategic planning for recovery. The amendments in items 6 and 7 identify actions to be undertaken primarily through the development of the Resilient Recovery Strategy and training.

6. The Civil Defence Emergency Management Act 2002 requires each Group appoint a Group Recovery Manager and at least one alternate. The Group Recovery Manager is Jennifer Rose, Auckland Emergency Management’s Head of Recovery. Wayne Brown, Principal Recovery Advisor reports to Jennifer and assumes a lead role in Auckland Emergency Management in her absence. It is recommended that Wayne be appointed as an alternate Group Recovery Manager.

Ngā tūtohunga / Recommendation/s

That the Civil Defence and Emergency Management Group Committee:

a) agree that the Mayor, Chair and Deputy Chair of the Civil Defence and Emergency Management Group Committee and other councillors who are members of the Committee be authorised to issue a Notice of Transition in accordance with the Civil Defence and Emergency Management Act 2002;

b) adopt the minor amendments to the Auckland Civil Defence Emergency Management Group Plan better providing for strategic planning for recovery as set out in Attachment B of the agenda report; and

c) agree to the appointment of Wayne Brown, Principal Recovery Advisor, Auckland Emergency Management as alternate Group Recovery Manager under the Civil
Horopaki / Context

Minor Amendments to the CDEM Group Plan

7. The Civil Defence Emergency Management Amendment Act 2016, based on insights gained from the Christchurch and Kaikoura earthquakes, introduced amendments to lift the level of preparation for, and effectiveness of, recovery activities, by:
   - clarifying responsibilities to plan for and carry out recovery activities on the part of CDEM Groups, local authorities and recovery managers
   - introduce new arrangements for the formal transition from response to recovery
   - introduce new requirements to strategically plan for recovery.

Alternate Group Recovery Manager

8. The Civil Defence and Emergency Management Act 2002 requires CDEM Groups appoint at least one individual to perform the functions and duties and exercise the powers of the Group Recovery Manager where the office of Group Recovery Manager is vacant or, for whatever reason, the Group Recovery Manager is absent.

Tātaritanga me ngā tohutohu / Analysis and advice

Minor Amendments to the CDEM Group Plan

9. The CDEM Group Committee adopted the CDEM Group Plan 'Resilient Auckland' in October 2016. The Plan anticipated and was consistent with the direction of the amendments to the Civil Defence Emergency Management Act 2016 enacted in November of that year. Even so minor amendment to the CDEM Group Plan is required by 1 June 2018 to give effect to:
   - the process of transitioning from response to recovery, including authorising who may issue a Notice of Transition
   - better provide for strategic planning for recovery and provide for strategic actions to support recovery preparation and implementation.

Notice of Transition

10. The formal declaration of an emergency requires that authorised persons issue the declaration. The CDEM Plan identifies these people and the manner in which they may make a declaration. New arrangements to formally transition from response to recovery by issuing a Notice of Transition have similar requirements. The proposed minor amendments for issuing a Notice of Transition mirror issuing a declaration of emergency, by the same people in the same manner. This amendment is set out as item 3 in Attachment B.

Strategic Planning for Recovery

11. In December 2017 the Ministry of Civil Defence and Emergency Management issued the Directors Guidelines on Strategic Planning for Recovery [DGL 20/2017]. A key focus is to ensure that planning for recovery embodied in CDEM Group Plans is directed towards a region’s identified hazards and risks. The Guidelines set out an approach focused on six areas:
12. Effective strategic planning following this approach:
   - improves preparedness for recovery by enabling anticipation of the types of activities that might be required, through sound analysis of the regions hazards, risks and vulnerabilities
   - builds understanding of community aspirations, values and priorities to support and help shape the outcomes sought of recovery
   - building capability, capacity and the potential of formal and informal leadership,
   - embedding monitoring and evaluation to ensure progress can be tracked, with corrections and/or refinements introduced as appropriate.

13. The current CDEM Group Plan, adopted in October 2016 anticipated the introduction of a more strategic approach to planning recovery. Even so comparison of the Plans contents and strategic planning for recovery, identify a series of actions that need to be undertaken to more effectively prepare for and manage recovery activities. Attachment A sets out the actions to implement strategic planning for recovery in relation to the approach set out in the Guidelines.

14. The Guidelines require that by 1 June 2018, CDEM Group Plans record:
   - strategic actions to support recovery preparation and recovery management
   - their priority for action
   - timeline for implementation, and
   - how they will be monitored and evaluated\(^1\).

15. That is, rather than completing strategic planning by 1 June 2018, CDEM Plans are required to provide for the implementation of strategic planning over 5 years from that date. Attachment B itemises the changes to the CDEM Group Plan, to better provide for strategic planning for recovery (items 1,2,4 and 5) and most importantly in the Plans’ Framework for

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\(^1\) Strategic Planning for Recovery, DGL 20/17, page 8.
Action (items 6 and 7) which identifies the Groups forward work programme for Recovery. These will primarily be implemented through the development of the Resilient Recovery Strategy and training.

**Alternate Group Recovery Manager**

16. Group Recovery Manager is a statutory role under the Civil Defence and Emergency Management Act 2002. Under section 29(2) CDEM Groups are required to appoint at least one individual to perform the functions and duties and exercise the powers of the Group Recovery Manager Recovery where the office of Group Recovery Manager is vacant or, for whatever reason, the Group Recovery Manager is absent.

17. Jennifer Rose, Head of Recovery, Auckland Emergency Management is the Group Recovery Manager. It is recommended that Wayne Brown, Auckland Emergency Management’s Principal Recovery Advisor, be appointed an alternate Group Recovery Manager. This role reports to Jennifer and assumes a lead role in Jennifer’s absence.

**Ngā whakaaweawe ā-rohe me ngā tirohanga a te poari ā-rohe / Local impacts and local board views**

18. Auckland Emergency Management, has as a part of development of the Resilient Recovery Strategy been to the March local board cluster meetings. Auckland Emergency Management is applying the Directors Guidelines to strategic planning for recovery by undertaking a round of local board workshops to explore community values and priorities.

**Tauākī whakaaweawe Māori / Māori impact statement**

19. Work is underway to engage with iwi and mana whenua in the development of the Resilient Recovery Strategy. Auckland Emergency Management is currently engaging with Te Rūnanga o Ngāi Tahu to understand their response framework and plan, and their experience of recovery with a view to sharing the lessons learnt in Auckland.

**Ngā ritenga ā-pūtea / Financial implications**

20. Auckland Emergency Management’s strategic planning for recovery is funded out of current budget and provided for in the base budget for the 2018-19 financial year.

21. The appointment of Auckland Emergency Principal Recovery Advisor, to the statutory position of Group Recovery Manager is administrative and clarifies functions, decision-making and access to powers under the Civil Defence and Emergency Management Act 2002. There are no direct financial implications.

**Ngā raru tūpono / Risks**

22. Strategic planning for recovery and the guidelines of the Ministry of Civil Defence and Emergency Management are directed towards ensuring better performance and improved recovery outcomes.

23. Risk management is a central focus of emergency management. The selection criteria and process for appointing Auckland Emergency Management’s Principal Recovery Advisor, together with training, ensure risk associated with the role of Group Recovery Manager has been appropriately addressed.

**Ngā koringa ā-muri / Next steps**

24. A further update on the development of the Resilient Recovery Strategy will be reported to the 29 August 2018 Committee meeting.
Ngā tāpirihanga / Attachments

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
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<tbody>
<tr>
<td>A</td>
<td>Strategic Actions</td>
<td>59</td>
</tr>
<tr>
<td>B</td>
<td>Draft minor amendments to CDEM Group Plan</td>
<td>61</td>
</tr>
</tbody>
</table>

Ngā kaihaina / Signatories

<table>
<thead>
<tr>
<th>Author</th>
<th>Wayne Brown – Principal Advisor Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Authorisers</td>
<td>Jennifer Rose – Head of Recovery</td>
</tr>
<tr>
<td></td>
<td>John Dragicevich - Director Auckland Emergency Management</td>
</tr>
</tbody>
</table>
### Actions required to Strategically Plan for Recovery [DGL 20/17]

<table>
<thead>
<tr>
<th>Key Considerations</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>To improve Group understanding of community values &amp; priorities for recovery.</td>
<td>Recovery vision and outcomes: Develop an understanding of the sensitivities, values and priorities of Auckland’s communities though engaging with local boards and communities (both directly and indirectly) to better establish a recovery vision and outcomes.</td>
</tr>
<tr>
<td>When developing a recovery vision and outcomes.</td>
<td></td>
</tr>
<tr>
<td>Understand consequences and opportunities from specific hazards and risks / for hazards and risk management.</td>
<td>Understand hazards and risks: Contribute to discussion on risk and tolerance of risk under Action 9 “Develop an effective and comprehensive hazards and risk awareness campaign”.</td>
</tr>
<tr>
<td>When identifying capability and capacity for recovery / establishing collaboration and leadership for recovery.</td>
<td>Enabling recovery: Explore recovery scenarios based on the impacts associated with Auckland’s hazards and risks to identify and better understand the kinds of recovery activities potentially required.</td>
</tr>
<tr>
<td>For a recovery preparedness performance framework / managing a recovery performance framework.</td>
<td>Monitor and evaluate: Proactively create opportunities to increase recovery competency and capability through formal training, exercises and knowledge sharing within Auckland Emergency Management, its volunteers, across the CDEM Group and the wider CDEM sector.</td>
</tr>
<tr>
<td>Identify a core set of indicators for successful recovery outcomes over the short, medium and long term.</td>
<td></td>
</tr>
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<td>NO</td>
<td>PAGE</td>
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</table>
| 1. | Part B, page 86 | Recovery         | Principles          | **Addition** of new principle:  
- Undertake strategic planning activities to improve preparedness in anticipation of recovery specific to the Auckland region’s hazards and risks. | Accepted                      |
| 2. | Part B, page 87 | Recovery         | Strategies and plans | **Insertion of additional** words “strategic planning for recovery,” after the words “Recovery Framework, which includes,” | Accepted                      |
| 3. | Part B, page 97 | Management and Governance | Transitional from Response to Recovery | **Insert new paragraphs**, under paragraphs with the heading ‘Persons authorised to declare a state of emergency under the CDEM Act 2002’:  
**Under the heading** ‘Persons authorised to issue a Notice of Transition under section 94B of the CDEM Act 2002’ insert:  
The Mayor and nominated members of the CDEM Group Committee as per resolution by the committee are authorised to issue a Notice of Transition  
The hierarchy of persons authorised to issue the Notice of Transition is noted below:  
- Mayor  
- Chair of the Auckland CDEM Group committee  
- Deputy Chair of the Auckland CDEM Group committee  
- Other councillors who are members of the Auckland CDEM Group committee  
Authorised persons must not issue a notice unless satisfied that invoking the powers to manage, coordinate, or direct recovery activities are in the public interest and necessary or desirable for a timely and effective recovery. Best endeavours will be made to follow the hierarchy, however, if time is of the essence, the signature of any of those authorised to declare will over-ride this hierarchy. | Accepted                      |
### Attachment B

<table>
<thead>
<tr>
<th>NO</th>
<th>PAGE</th>
<th>HEADING</th>
<th>SUBHEADING</th>
<th>FEEDBACK/AMMENDMENT</th>
<th>RECOMMENDATIONS AND/OR COMMENT</th>
</tr>
</thead>
</table>
| 4  | Part B, page 98 | Roles and Responsibilities of Local Boards     | Recovery     | Insertion of new bullet point:  
  - Contribute to strategic planning for recovery                                   | Accepted                      |
| 5  | Part C, page 142 | Auckland’s Recovery Framework                   |              | Delete “Lessons from previous disasters illustrate what we must do now before a disaster occurs.” and replace with “Lessons from previous disasters illustrate the benefit of strategic planning activities based on a region’s hazards and risks to better prepare before a disaster occurs.” | Accepted                      |
| 6  | Part D, page 167 | Framework for Action - Recovery                 | 69           | Delete action 69 and replace with:  
  Develop and implement a Recovery Framework in accordance with legislation and best practice guidelines, which includes:  
  - an understanding of the sensitivities, value and priorities of Auckland communities developed through engaging with local boards and communities (both directly and indirectly) to better establish a recovery vision and outcomes  
  - contributes to discussion on risk and risk tolerance under Action 9 “Develop an effective and comprehensive hazards and risk awareness campaign”  
  - explores recovery scenarios based on the impacts associated with Auckland’s hazards and risks to identify and better understand the recovery activities required  
Delivery Lead: Auckland Emergency Management  
Delivery Support: CDEM Group  
Timeframe: Ongoing | Accepted                      |
<table>
<thead>
<tr>
<th>NO</th>
<th>PAGE</th>
<th>HEADING</th>
<th>SUBHEADING</th>
<th>FEEDBACK/AMMENDMENT</th>
<th>RECOMMENDATIONS AND/OR COMMENT</th>
</tr>
</thead>
</table>
Auckland CDEM Group Committee forward work programme

File No.: CP2018/08346

Te take mō te pūrongo / Purpose of the report
1. To provide an amended forward work programme for the Auckland Civil Defence and Emergency Management (CDEM) Group Committee (the committee) for consideration and approval. The programme will assist the committee to have oversight of its strategic functions for the remainder of the 2017/18 financial year.

Whakarāpopototanga matua / Executive summary
2. The Auckland CDEM Group Committee forward work programme focuses on strategy and policy development, strategic initiatives and projects that support the committee to provide strategic direction to the Coordinating Executive Group.
3. The forward work programme was endorsed at the committee meeting on 30 August 2017 and it was recommended that the programme becomes a standing agenda item to help monitor key activities and deliverables. This will ensure the programme remains forward focused and can take into account any additions or amendments that may arise either regionally or nationally.
4. Due to the April storm events, the non-essential agenda items scheduled for May are postponed for reporting back at the August Committee. Instead, an overview of the 10 April Storm event will be provided to the Committee. The amended forward work programme was endorsed by the Coordinating Executive Group (CEG) at its meeting on 3 May 2018.

Ngā tūtohunga / Recommendation/s
That the Civil Defence and Emergency Management Group Committee:
a) receive the report on the forward work programme; and
b) approve the recommended changes and/or updates to the forward work programme.

Horopaki / Context
5. The Auckland CDEM Group Committee forward work programme focuses on strategy and policy development, strategic initiatives and projects that support the committee’s requirement to provide strategic direction to the Coordinating Executive Group (CEG). The programme has been drafted from actions from Auckland’s Group Plan and also includes activities of regional and national significance.
6. The programme signals when key reports and items are likely to be put on both CEG and committee agendas for endorsement and/or approval. The programme includes an overview of legislative requirements, the actions required from both the CEG and committee, and dates for the reporting of activities to meetings.
7. The work programme is a standing agenda item at CEG and committee meetings to help monitor key activities and deliverables. This will ensure the programme remains forward focused and can take into account any additions or changes that may arise either regionally or nationally.
Tātaritanga me ngā tohutohu / Analysis and advice

8. The proposed amendments include:
   a) Activity 2: Auckland’s Natural Hazard Risk Management Action Plan (NHRMAP) will be presented to committee for approval on 29 August 2018 (CIV/2017/28);
   b) Activity 2.7: The Group Welfare Plan will be presented to Committee for approval on 29 August 2018 (CIV/2017/27);
   c) Activity 4.2: An update on building resilient communities will be presented to Committee on 29 August 2018 (CIV/2017/25).
   d) Resolution CIV/2018/6: Agree to take part in a civil defence desktop exercise scenario following the conclusion of the 30 May CDEM Group Committee meeting will be carried out following the 29 August 2018 meeting.

Ngā whakaaweawe ā-rohe me ngā tirohanga a te poari ā-rohe / Local impacts and local board views

9. The forward work programme has been developed primarily from actions contained within Auckland’s Group Plan. Local boards were engaged and consulted through the development of this plan and contributed towards the final document.

10. In addition, some of the projects and strategic initiatives in the programme will require engagement with local boards, for example, Auckland’s Resilient Recovery Strategy.

11. However, the impact on the proposed recommendation to approve the recommended changes and/or updates to the forward work programme does not have impacts on decisions made at the local level.

Tauākī whakaaweawe Māori / Māori impact statement

12. It is anticipated that the ongoing review and amendments to the forward work programme will continue to inform the Auckland Emergency Management Māori Responsiveness Plan to support Māori communities to build a resilient Auckland.

Ngā ritenga ā-pūtea / Financial implications

13. This report does not have any specific financial implications over existing budget allocations.

Ngā raru tūpono / Risks

14. There are no significant risks.

Ngā koringa ā-muri / Next steps

15. Following approval of the recommended changes and/or updates to the forward work programme Auckland Emergency Management will apply best practice project management principles to all project execution plans to ensure timely delivery.
Ngā tāpirihanga / Attachments

<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
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<tbody>
<tr>
<td>A</td>
<td>Auckland CDEM Group Committee forward work programme</td>
<td>69</td>
</tr>
</tbody>
</table>

Ngā kaihaina / Signatories

<table>
<thead>
<tr>
<th>Author</th>
<th>Authorisers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kathy Yan - Senior Advisor Strategy and Planning</td>
<td>Craig Glover - Head of Strategy and Planning</td>
</tr>
<tr>
<td></td>
<td>John Dragicevich - Director Auckland Emergency Management</td>
</tr>
</tbody>
</table>
Te take mō te pūrongo / Purpose of the report
1. To provide a public record of memo’s, workshop or briefing papers that have been distributed for the committee’s information since 30 May 2018.

Whakarāpopototanga matua / Executive summary
2. This is a regular information-only report which aims to provide public visibility of information circulated to committee members via memo or other means, where no decisions are required.
3. The following confidential workshop has taken place:
   - Recovery overview
   - Recovery Walkthrough
   - Recovery Planning Activity
4. Note that, unlike an agenda report which requires a decision, staff will not be present to answer questions about the items referred to in this summary. Committee members should direct any questions to the authors.

Ngā tūtohunga / Recommendation/s
That the Civil Defence and Emergency Management Group Committee:
a) receive the information report – 30 May 2018.

Ngā tāpirihanga / Attachments
There are no attachments for this report.

Ngā kaihaina / Signatories
| Author        | Suad Allie - Governance Advisor |