

ITEM 3: UPDATED ON CYBER SECURITY [REDACTED]

The Committee:

- a. Welcomed and noted the attendance of [REDACTED] representative [REDACTED]
- b. Noted the Chief Executive's advice that the current outage of all computer services resulting from a ransomware attack had severely impacted organisational capacity and required national coordination and prioritisation of care across the system and that Mr A Connolly would raise this nationally, given his role as the Ministry of Health's Chief Medical Officer.
- c. Commended the staff and leadership for the significant and sustained effort that had gone into maintaining clinical services and rehabilitating information systems.
- d. Noted the enormous effort required to rebuild every system from back-up, rebuild/redesign the network and check and clean local devices while ensuring back-up tapes are themselves clean.
- e. Noted the involvement and work being undertaken by cyber security experts nationally and internationally supported by the National Cyber Security, [REDACTED] Ministry of Health and Police.
- f. Noted that a recovery plan was currently being prepared to determine the priority in which systems would be stood up.
- g. Noted that the downstream operational impacts by way of other sector agencies being reluctant to exchange information with Waikato DHB.
- h. Noted the engagement between Waikato DHB and the Ministry of Health for a common shared assurance programme.

[REDACTED]

- j. Noted that recovery is underway with expert advice from [REDACTED] National Cyber Security Centre and GCSB.
- k. Noted that hopefully by the coming weekend the first parts of the system will be able to be brought back online and that limited clinical systems may be available the following week.

[REDACTED]

- m. Noted that engagement had occurred with the Privacy Commissioner and that an 0800 number and other forms of assistance for those concerned about their privacy were being implemented.

[REDACTED]

- q. Noted the potential for the current event to exacerbate inequity and that an equity workstream was being established with urgency to address this issue.

[REDACTED]

- t. Noted the Executive's update on payroll issues and how these were being mitigated.

Chairperson: _____

Date: _____

Meeting Closed: 1.47pm

WAIKATO DISTRICT HEALTH BOARD
Confidential Minutes of the Commissioners
held on Wednesday 23 June 2021, commencing at 2.05pm

Present: Dame K Poutasi (Commissioner/Chair)
Mr C Paraone (Deputy Commissioner)
Emeritus Professor M Wilson (Deputy Commissioner)
Mrs D Chin (Chair, Finance Risk and Audit Committee)
Mr A Connolly (Clinical Advisor to the Commissioner)
Mr K Whelan (Crown Monitor, attended via Microsoft Teams)
Ms TP Thompson-Evans (Iwi Maaori Council Chair)

In Attendance: Dr K Snee (Chief Executive)
Mr N Hablous (Company Secretary)
Ms S Hayward (Chief Nursing and Midwifery Officer)
Dr M Fisher (Chief Secondary & Tertiary Care)
Mr M Cawthorne (Executive Director, Finance, Procurement and Supply Chain)
Mr M Foley (Executive Director, Digital Enablement)
Ms L Gestro (Executive Director, Strategy Investment and Transformation)
Ms C Lowry (Executive Director, Hospital and Community Services)
Dr J Carr (Chief Medical Officer, Primary Care)
Ms C Tahu (Chief Advisor Allied Health, Scientific and Technical)

ITEM 4: CHIEF EXECUTIVE'S REPORT

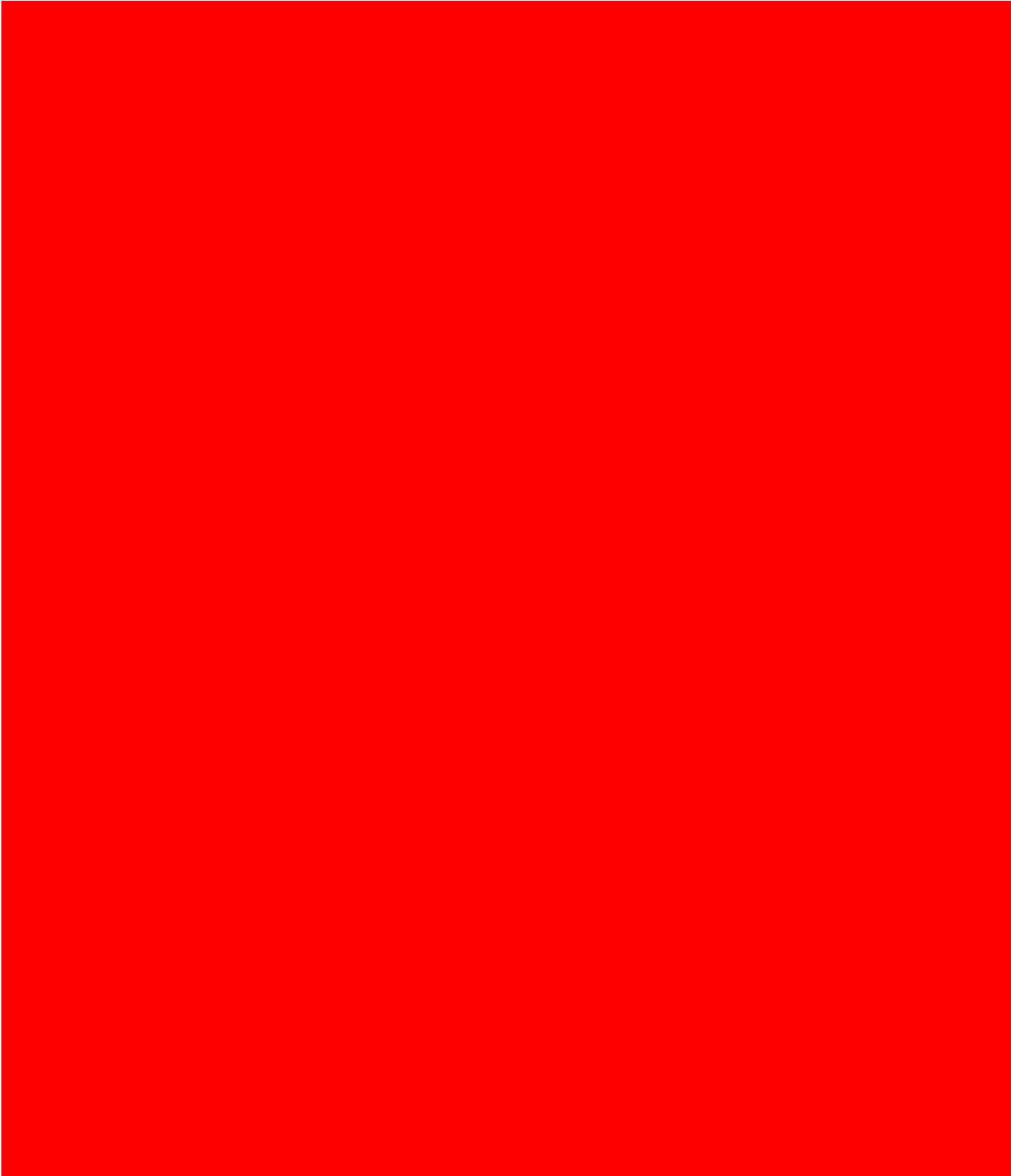
The report was taken as read.

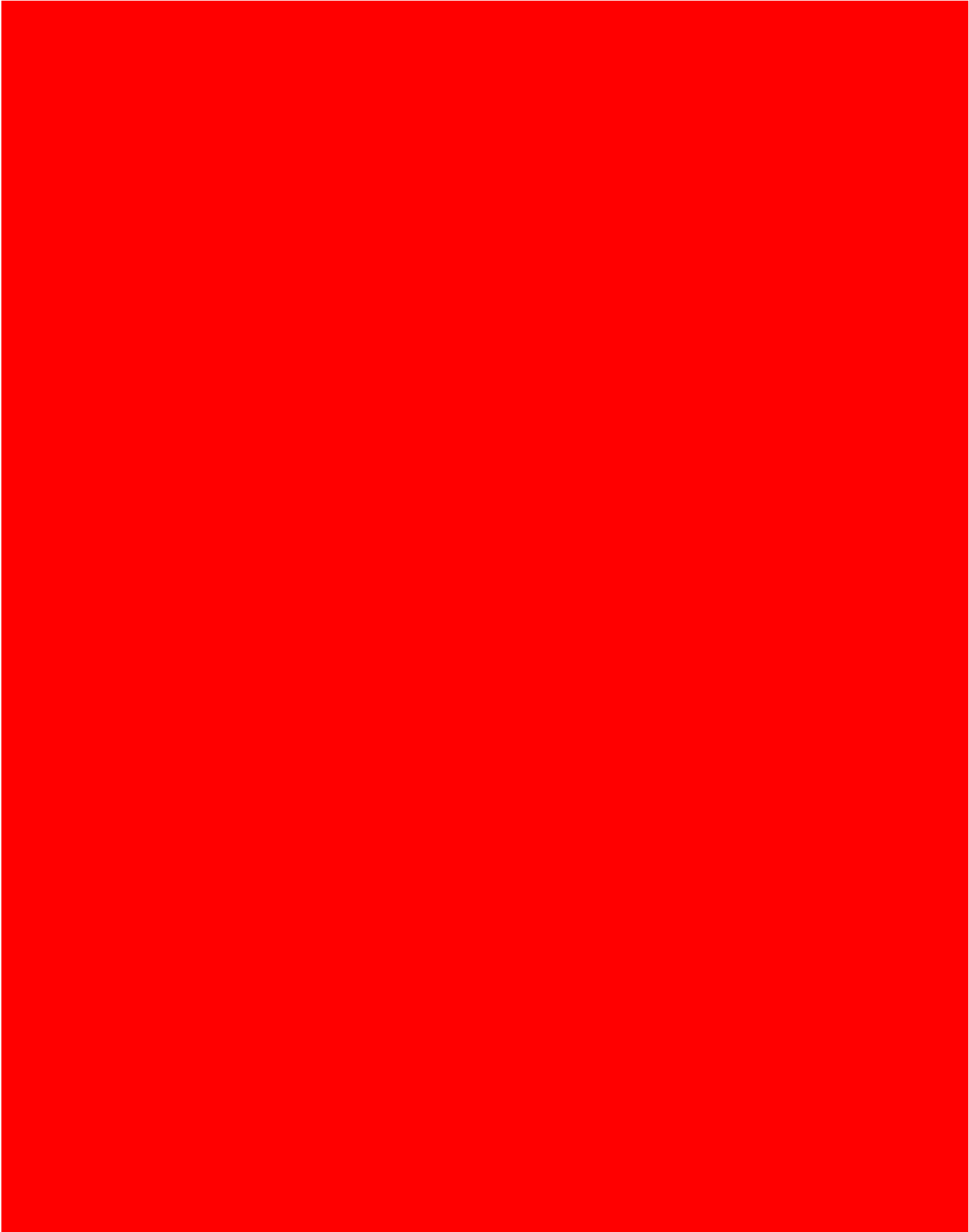
The Commissioner:

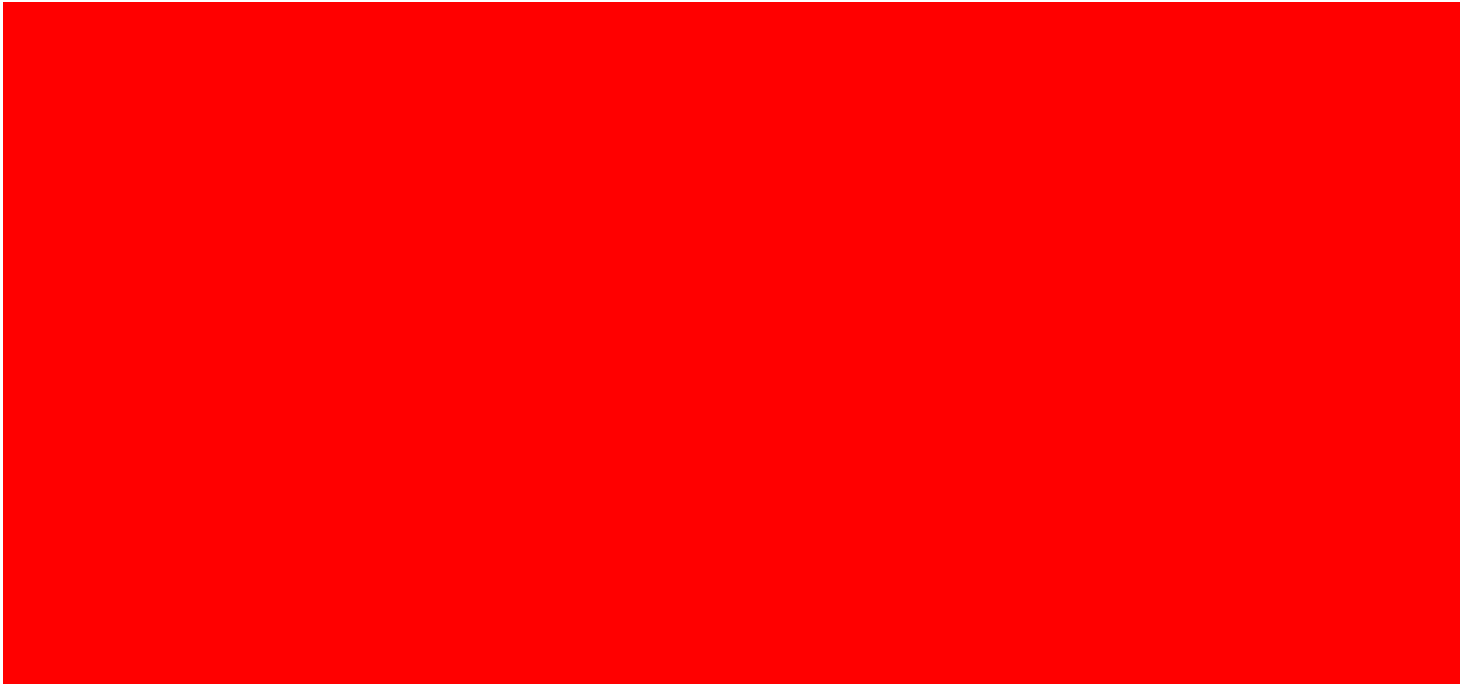
- a) **Received** the Chief Executive's report for the month of June.
- b) **Noted** the progress and status of recovery from the recent IS outage.
- c) **Noted** the attendance of [REDACTED] for a detailed discussion on the DHB's IS outage incident and the work and processes for the DHB to reconnect to the health system and external parties.
- d) **Requested** for the next report:
 - an estimate of total IS outage costs (direct and indirect) to that point;

- an estimate of total IS outage costs (direct and indirect) possible;
- a description of the approval processes around expenditure related to the IS outage to show the rigour applied;
- confirmation of the “extraordinary event” threshold in the Operating Policy Framework and its applicability or otherwise;
- a legally privileged report on the legal consequences that may arise for submission to the insurer;
- a summary of systems “stood up” at that point along with a schedule of those remaining.

- [REDACTED]
- f) **Noted** the role of the Equity Response Group to provide guidance and highlight areas for opportunity to accelerate the DHB’s equity responsibilities given the expectation that the IS outage will have a significant impact on equity outcomes for Maaori.
- g) **Noted** the “approval to operate” and assurance processes to manage standing up systems and security risks and that a summary of the process and what has been taken through this process would be submitted to the next Commissioner meeting.
- h) **Noted** that the DHB’s recovery plan is expected to be circulated within the next two weeks.
- i) **Noted** the advice from [REDACTED] that there is nothing at this point that “we should be doing, that is not being done”.
- j) **Noted** the advice from Executive that at this point the DHB has sufficient resource and capability to manage the IS outage and recovery programme.
- [REDACTED]
- [REDACTED]
- [REDACTED]







Chairperson: _____

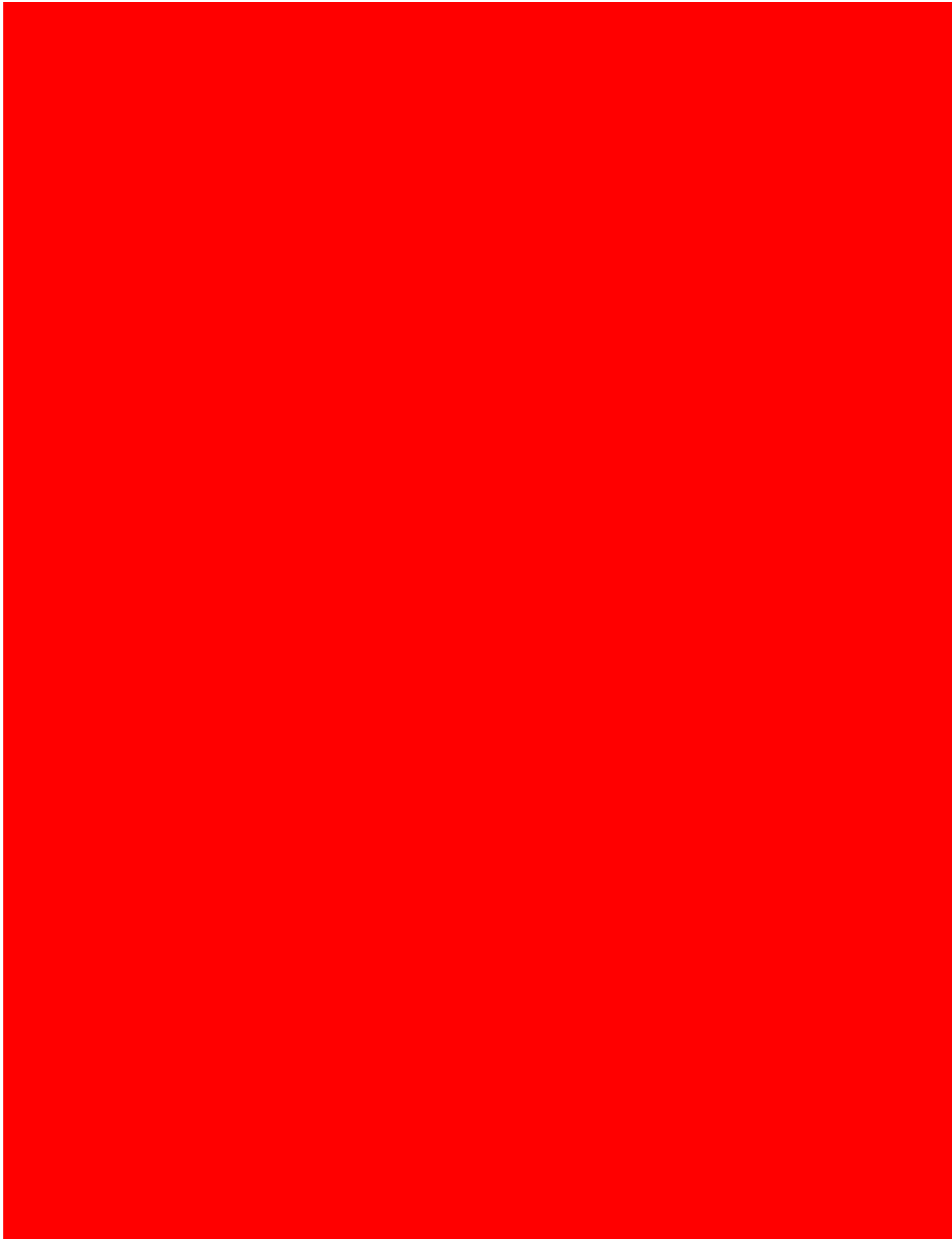
Date: _____

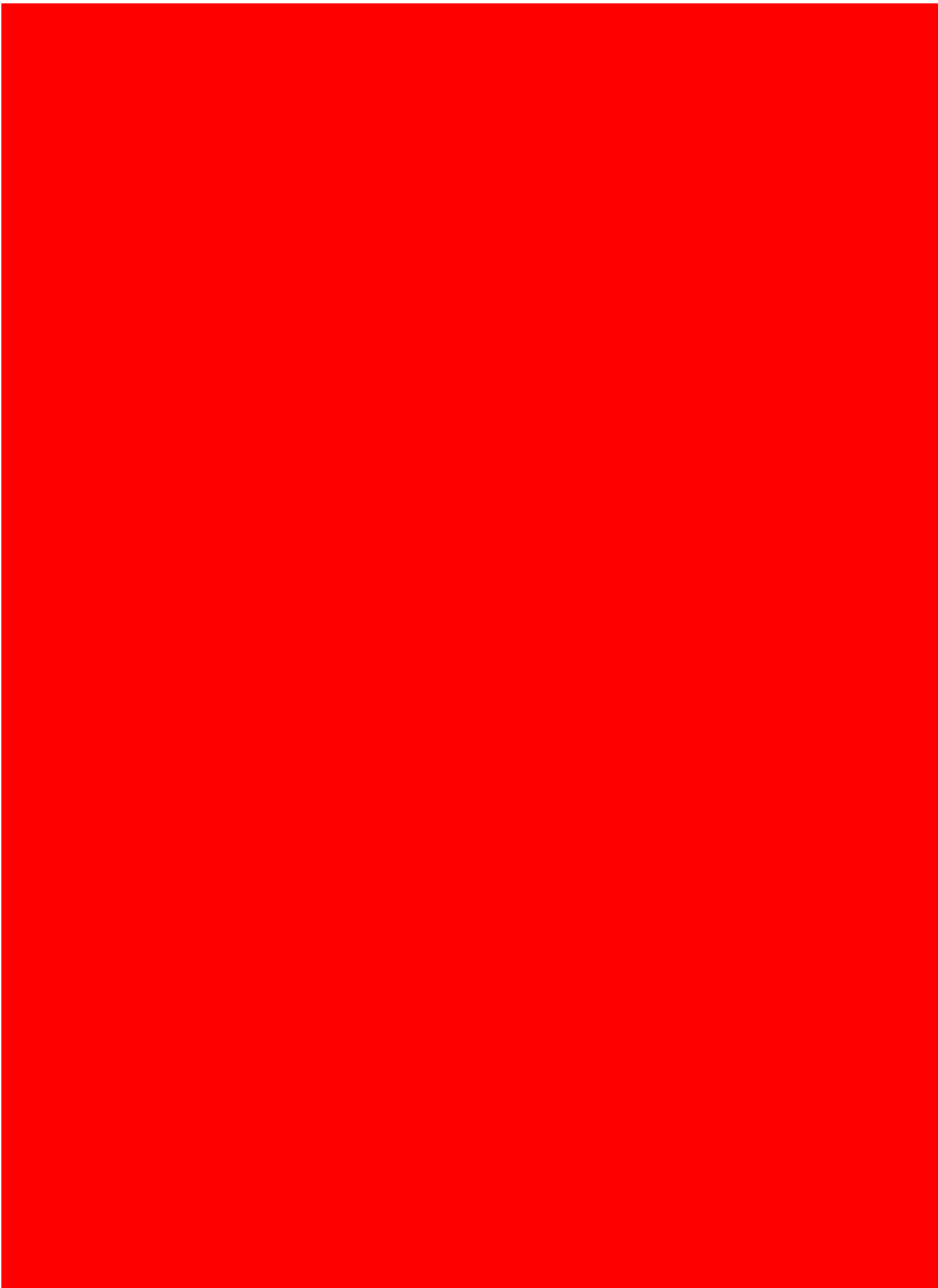
Meeting Closed: 4.45pm

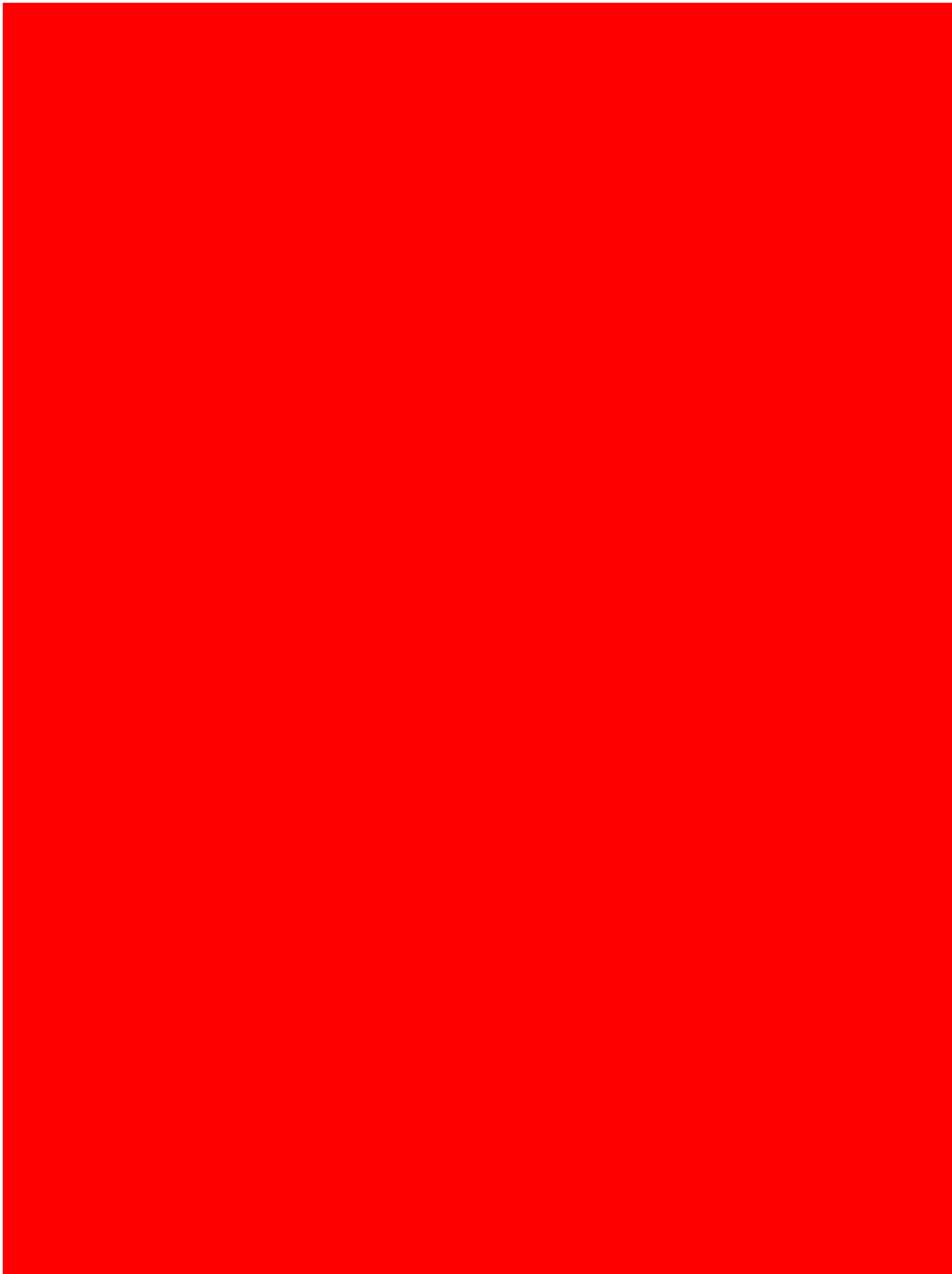
WAIKATO DISTRICT HEALTH BOARD
Minutes of the Finance Risk and Audit Committee
held on Wednesday 28 July 2021, commencing at 9.30am

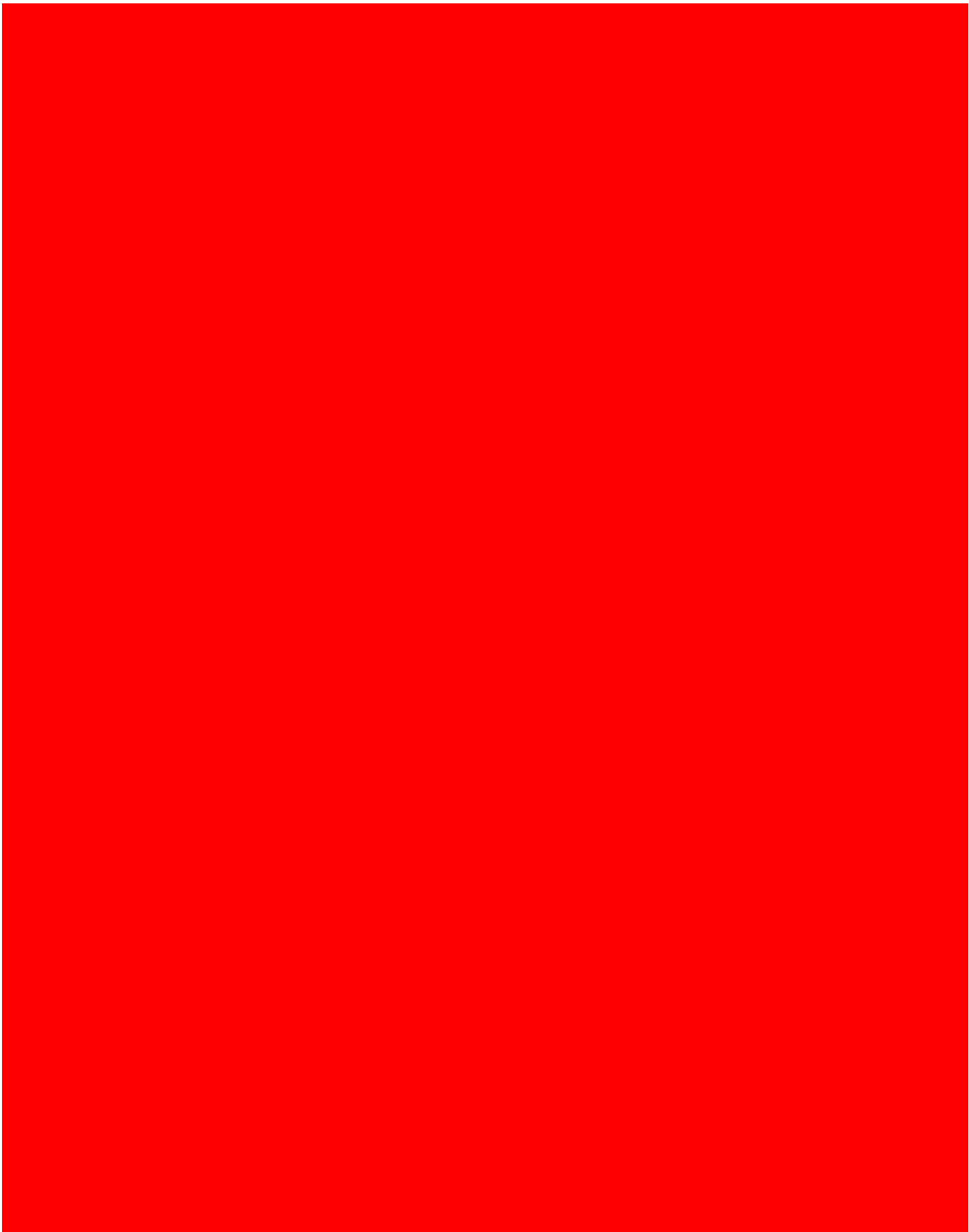
Present: Mrs D Chin (Chair)
Dame K Poutasi
Mr C Paraone
Emeritus Professor M Wilson
Ms TP Thompson-Evans
Mr A Connolly
Mr K Whelan

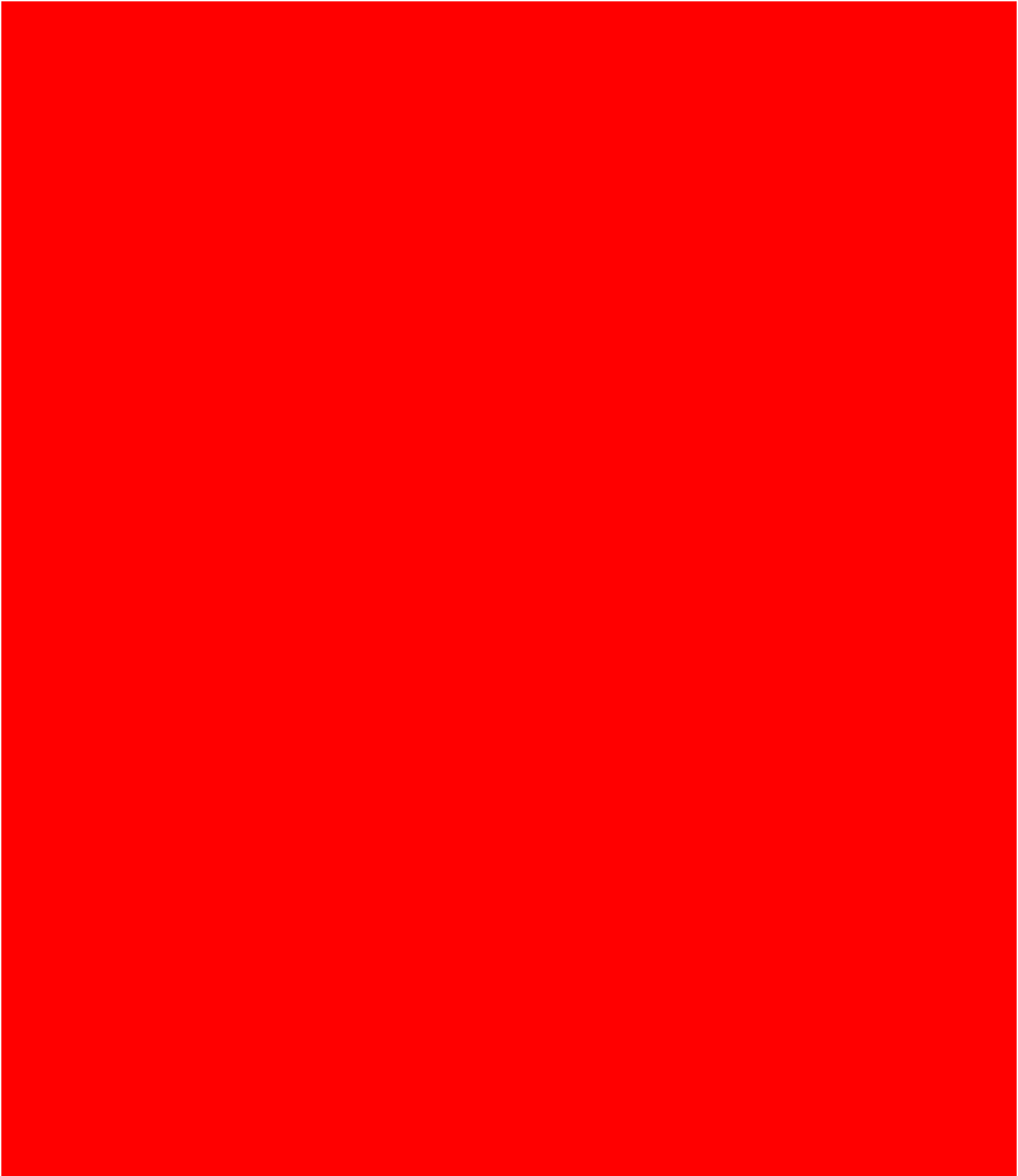
In Attendance: Dr Kevin Snee (Chief Executive)
Mr M Cawthorne (Executive Director, Finance, Procurement and Supply Chain)
Ms C Lowry (Executive Director, Hospital and Community Services)
Ms L Gestro (Executive Director, Strategy, Investment and Transformation)
Mr M Foley (Executive Director, Digital Enablement)
Ms S Hayward (Chief Nursing & Midwifery Officer)
Mr R Nia Nia (Executive Director, Maaori, Equity and Health Improvement)
Ms C Tahu (Chief Advisor, Allied Health, Scientific and Technical)
Dr J Carr (Chief Medical Officer, Primary Care)
Ms K Coley (Executive Director, Organisational Support)
Mr I Goulton (Director, HealthShare)
Mr W Jansen Van Rensburg (Director, Audit NZ)
[REDACTED]

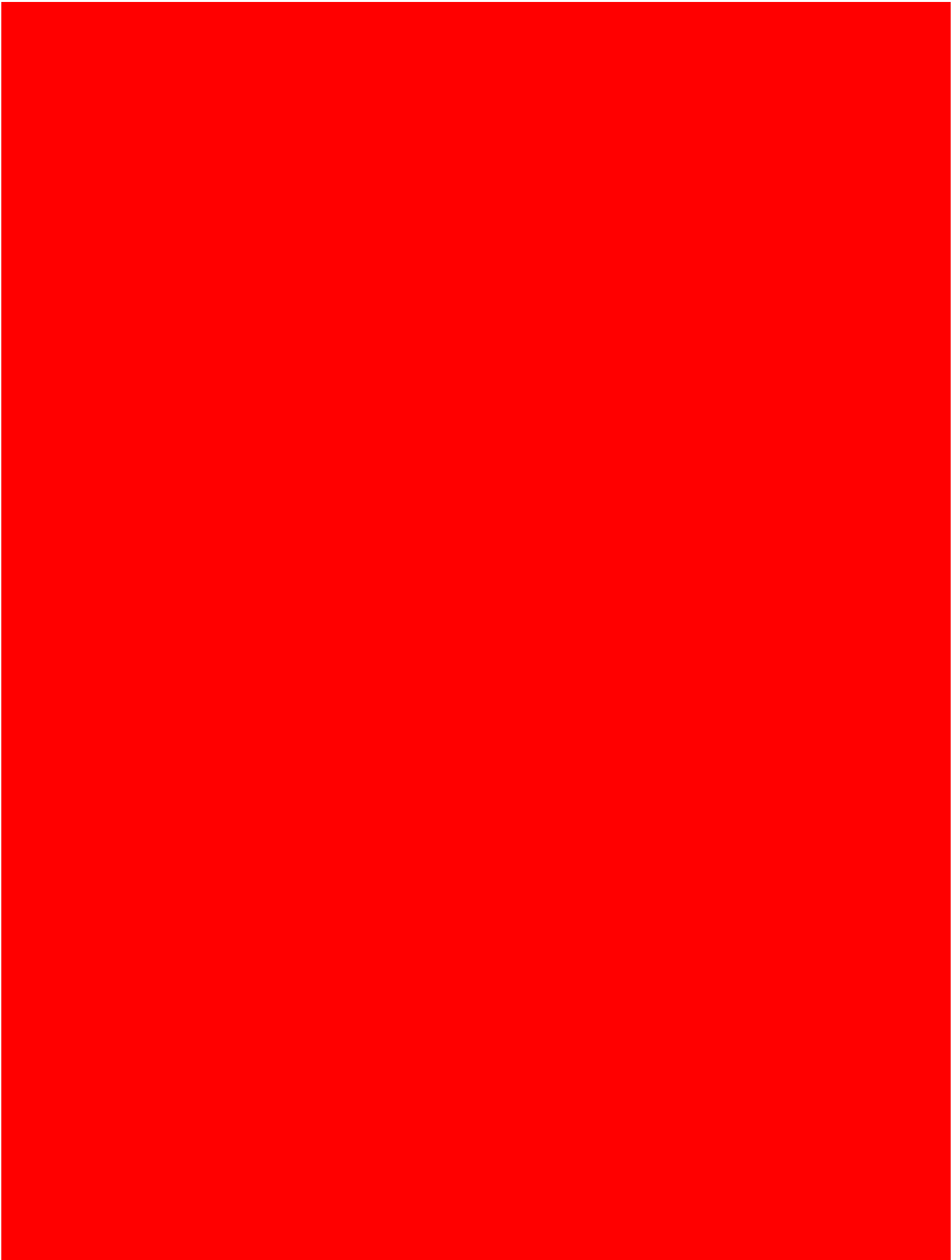












ITEM 10: CYBER SECURITY

10.1 Governance Discussion and/or Decisions re Disaster Recovery and Cyber Security since 1 July 2018

The report was taken as read.

The Committee:

- a) **Noted** the content of the report.

10.3 Programme Review – Recovery from Cyber Attack

The report was taken as read.

The Committee:

- a) **Noted** the verbal update provided by [REDACTED]
- b) **Noted** the content of the report.
- c) **Noted** the key findings and review recommendations which have been accepted by the Chief Executive and shared with the Minister.
- d) **Noted** Situation Reports will be phased out as the dashboard reporting is developed over the next two weeks.

10.4 Cyber Security Update and Future Plans

The report was taken as read.

The Committee:

- a) **Noted** regular written reports to the Commissioner Group outside the meetings.
- b) **Noted** the content of the report.
- c) **Noted** an amendment is required to Appendix 1 as training has been provided.
- d) **Noted** estimated timeframes for business cases being presented will be provided to the August FRAC meeting.
- e) **Noted** training uptake will be reported in the next HR report.
- f) **Noted** that the oversight group is overseeing the recovery and reports through to the Executive Leadership Team.

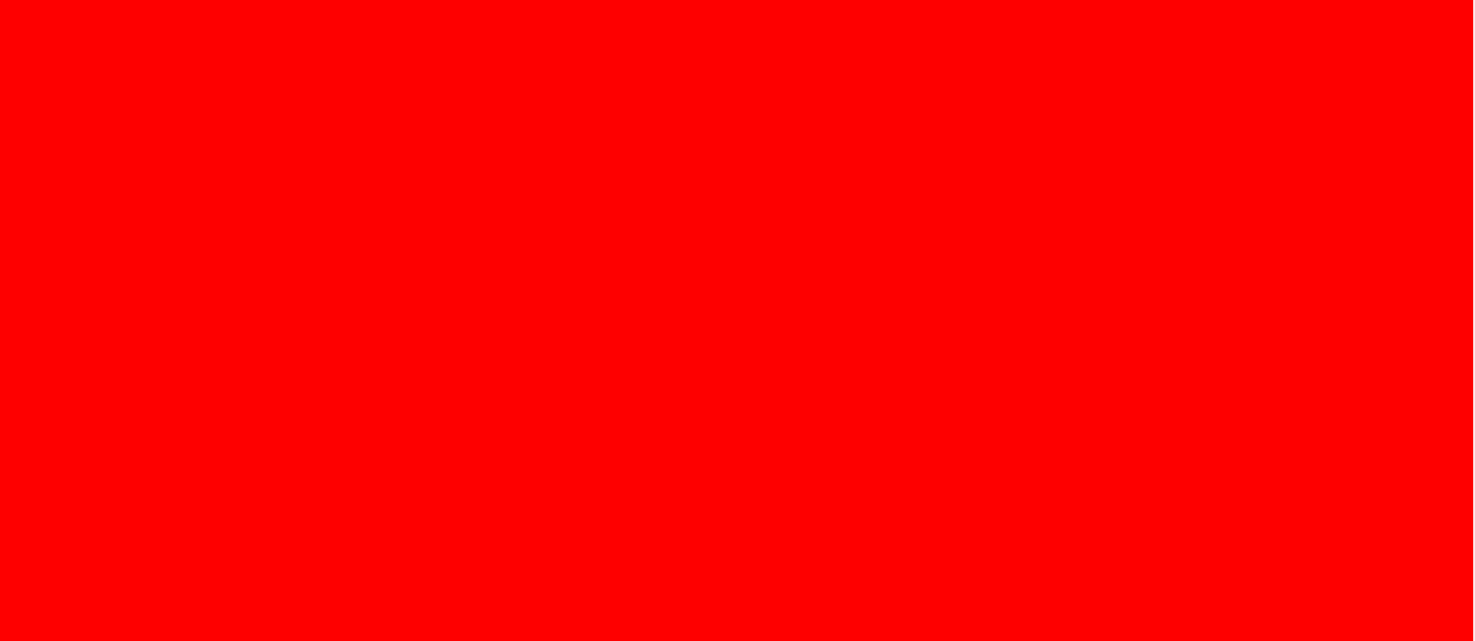
g) **Endorsed** the approach outlined.

10.6 Cyber Incident: Legal and Regulatory Update

The report was taken as read.

The Committee:

- a) **Noted** the content of the report.
- b) **Acknowledged** the calibre of work done in this space by the Legal team and Executive.



Chairperson: _____

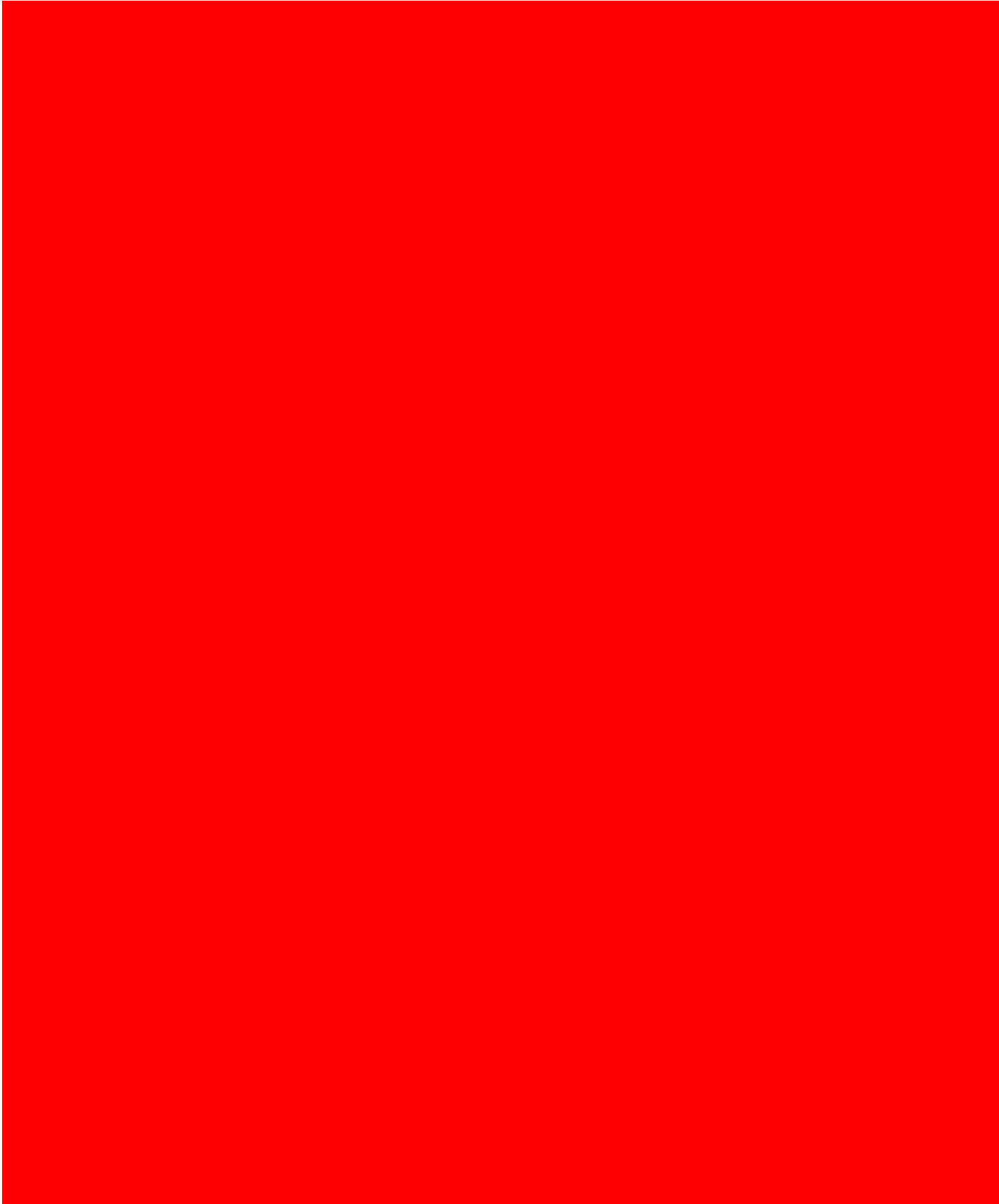
Date: _____

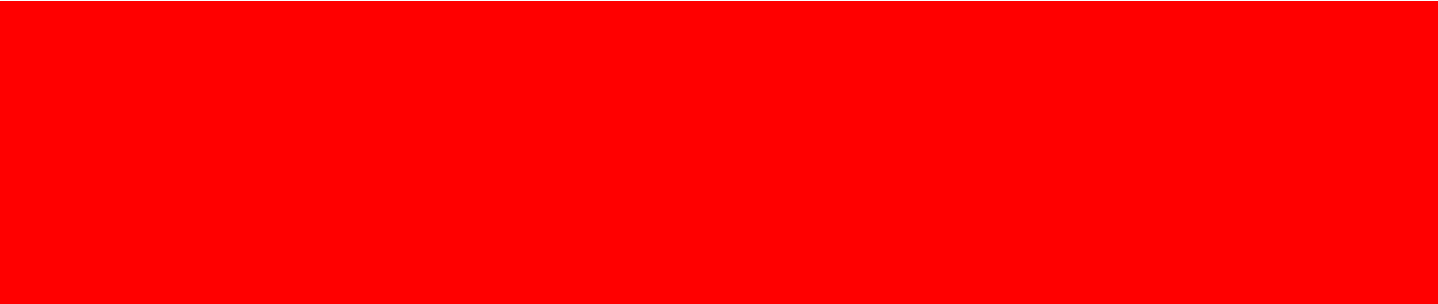
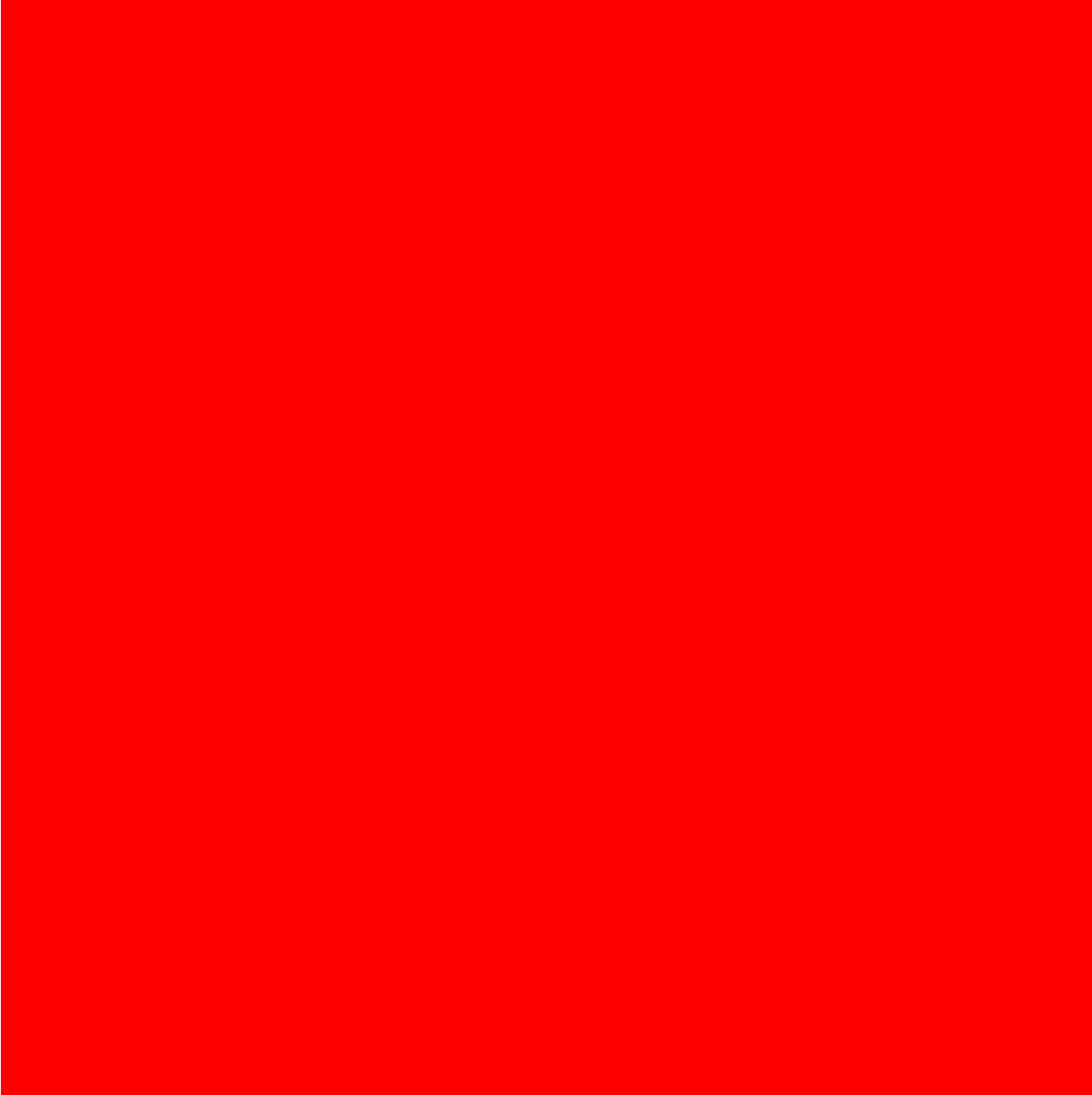
Meeting Closed: 11.26am

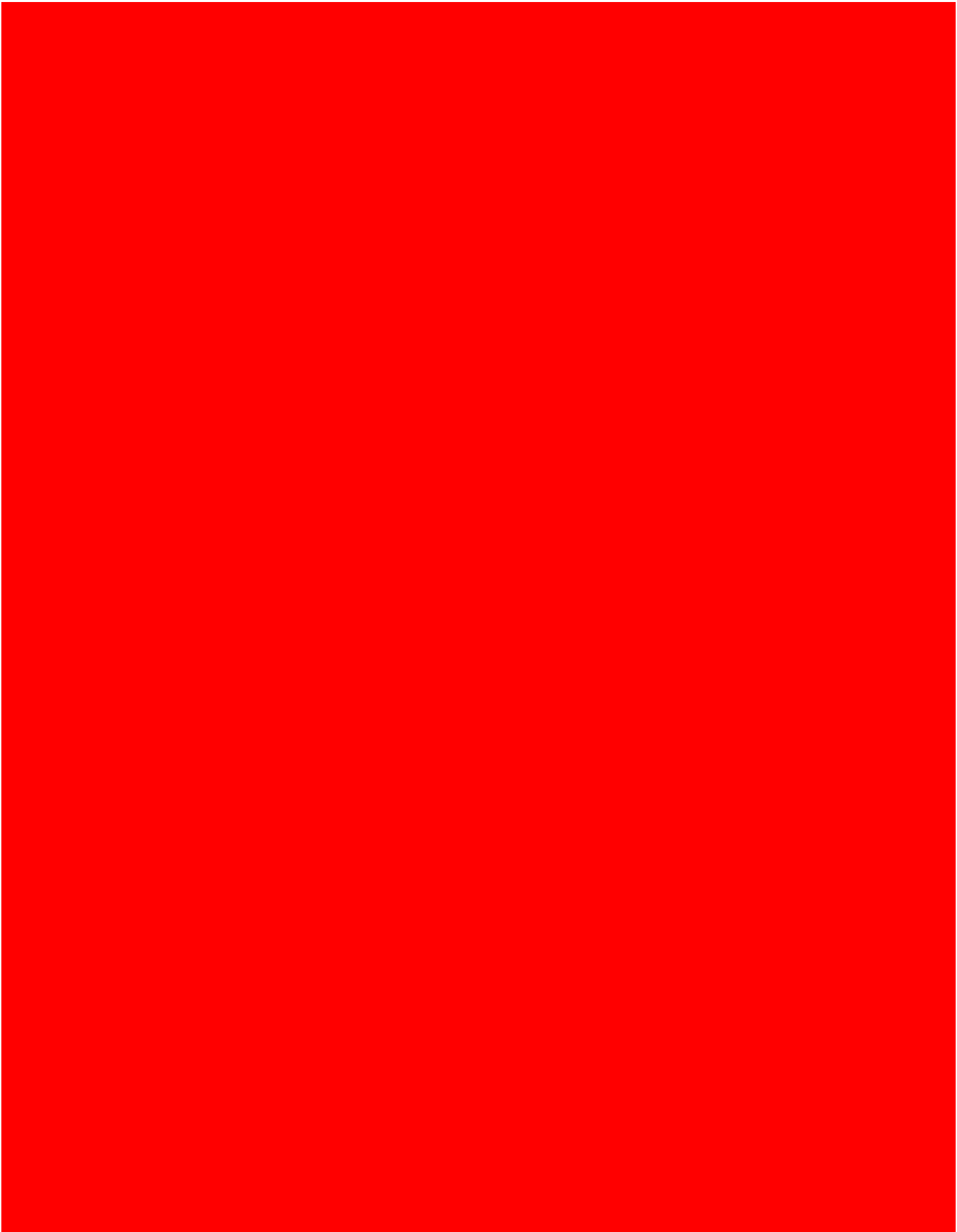
WAIKATO DISTRICT HEALTH BOARD
Confidential Minutes of the Commissioners
held on Wednesday 28 July 2021, commencing at 2.28pm

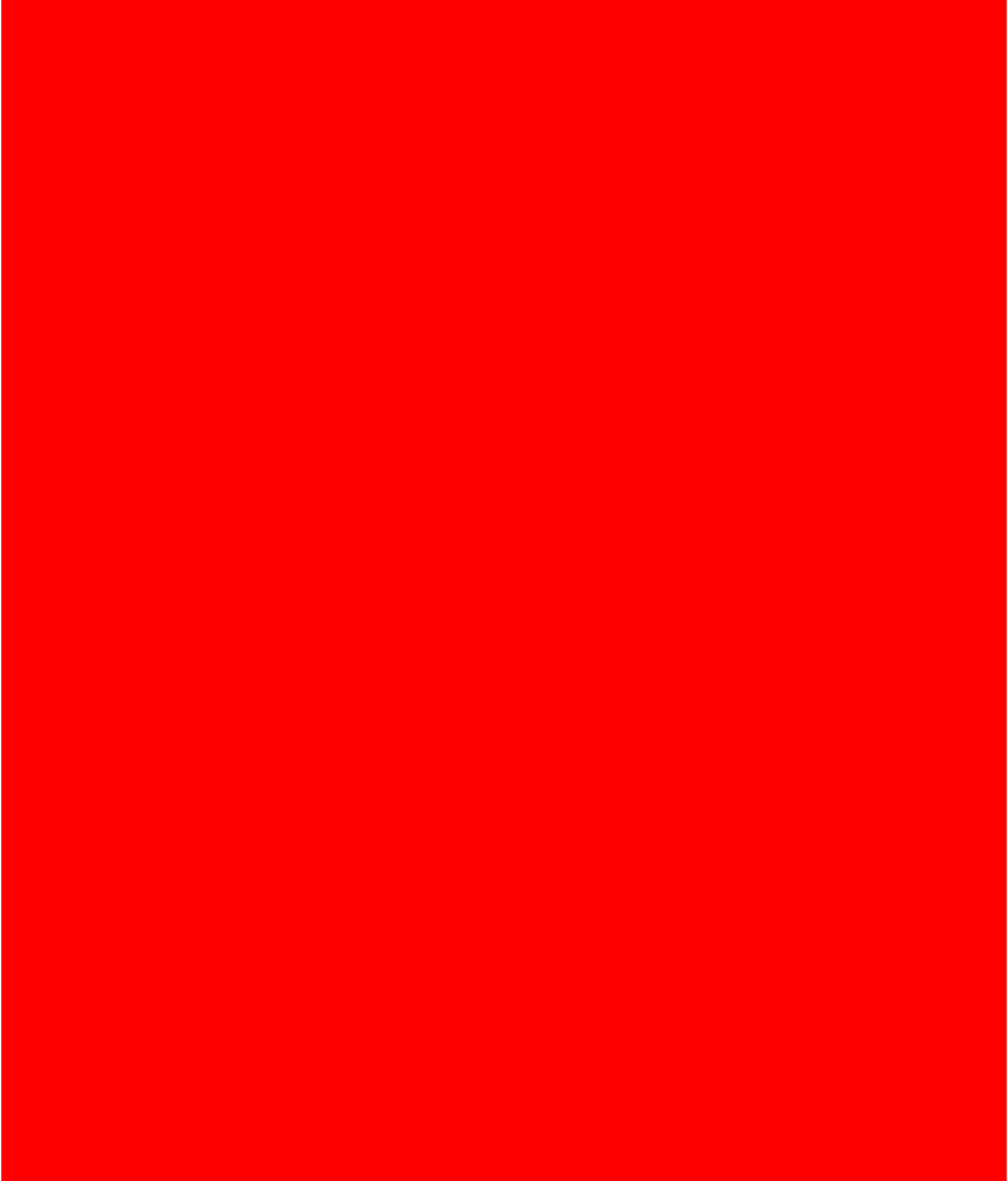
Present: Dame K Poutasi (Commissioner/Chair)
Mr C Paraone (Deputy Commissioner)
Emeritus Professor M Wilson (Deputy Commissioner)
Mrs D Chin (Chair, Finance Risk and Audit Committee)
Mr A Connolly (Clinical Advisor to the Commissioner)
Mr K Whelan (Crown Monitor, attended via Microsoft Teams)
Ms TP Thompson-Evans (Iwi Maaori Council Chair)

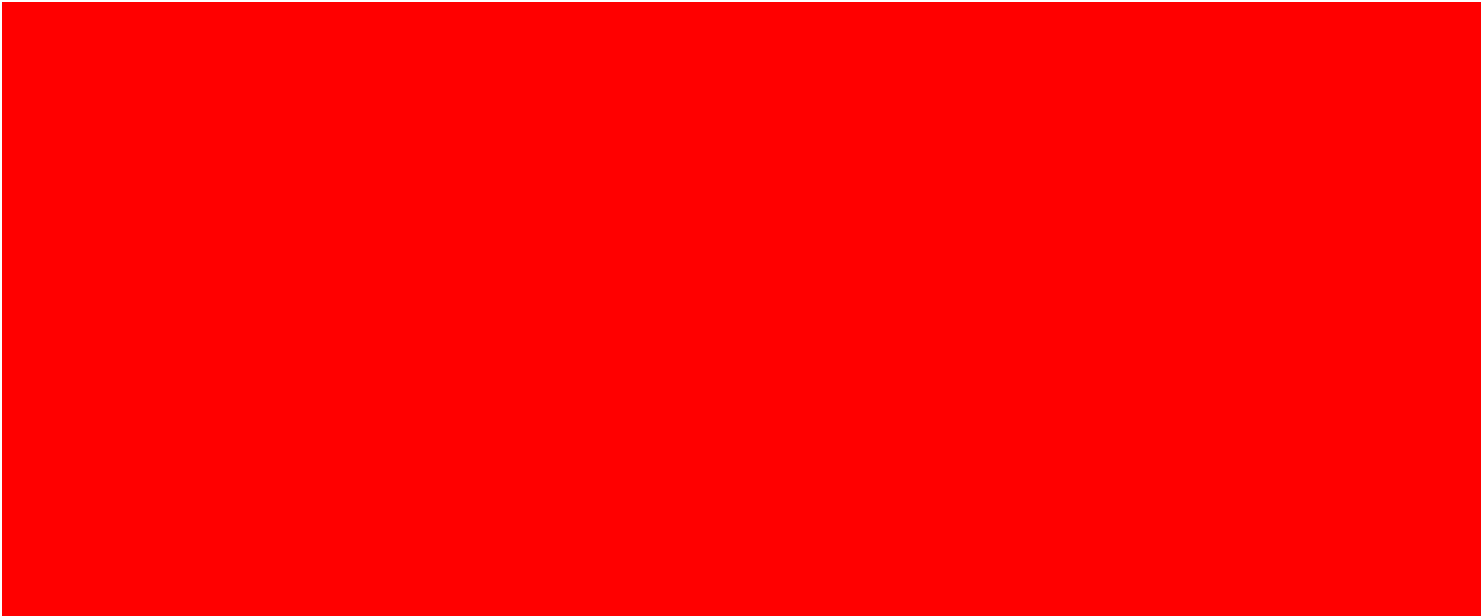
In Attendance: Dr K Snee (Chief Executive)
Ms S Hayward (Chief Nursing and Midwifery Officer)
Dr M Fisher (Chief Secondary & Tertiary Care)
Mr M Cawthorne (Executive Director, Finance, Procurement and Supply Chain)
Ms L Gestro (Executive Director, Strategy Investment and Transformation)
Ms C Lowry (Executive Director, Hospital and Community Services)
Dr J Carr (Chief Medical Officer, Primary Care)
Ms C Tahu (Chief Advisor Allied Health, Scientific and Technical)
Ms K Coley (Executive Director, HR)
Dr N Scott (Director, Maori Equity Strategy & Research)
[REDACTED]
Mr N Wilson (Director, Communications)



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- f) **Noted** the impact of the cyber attack on primary care initially was disruption to patient flow and additional workload created around this.
- 







Chairperson: _____

Date: _____

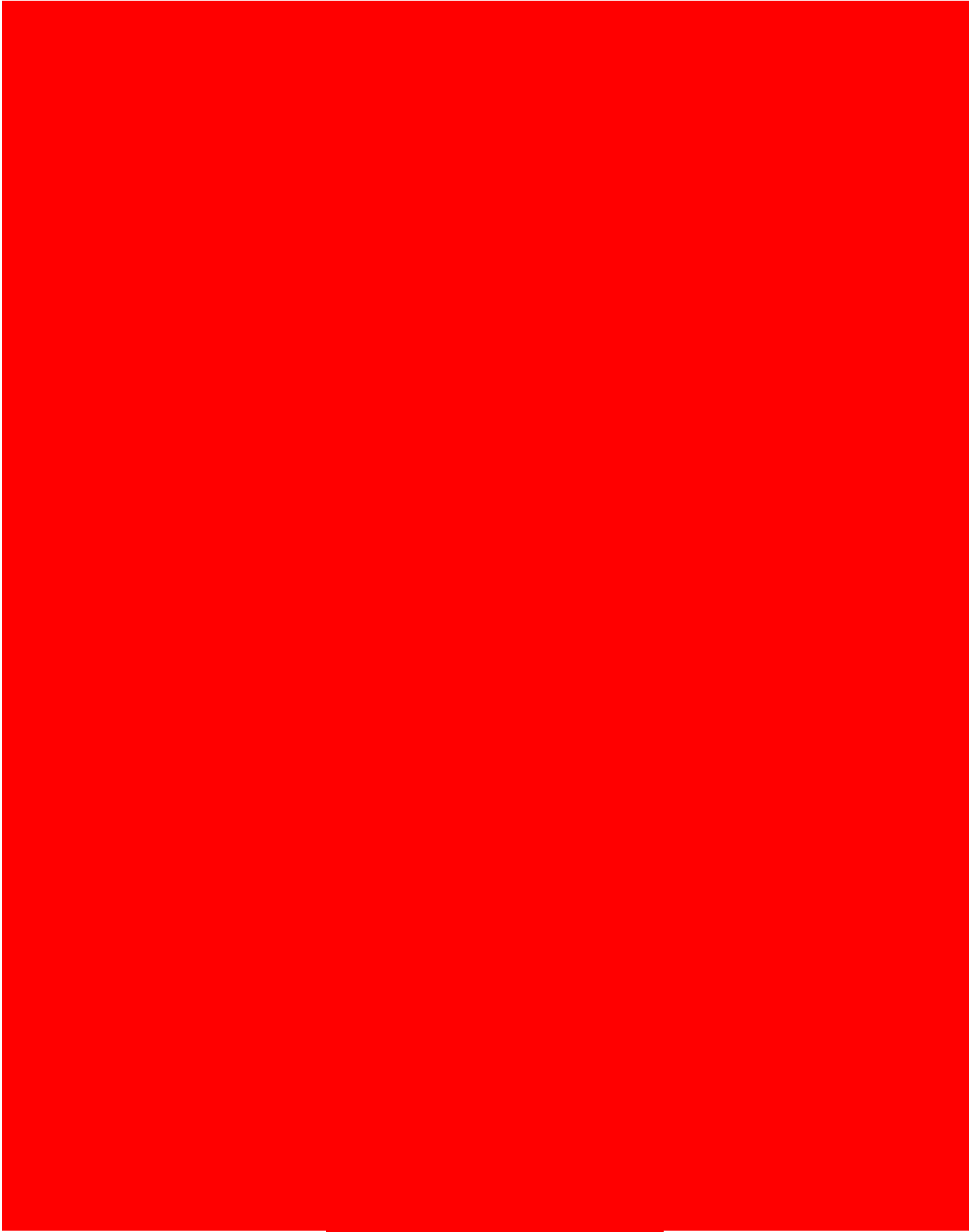
Meeting Closed: 4.29pm

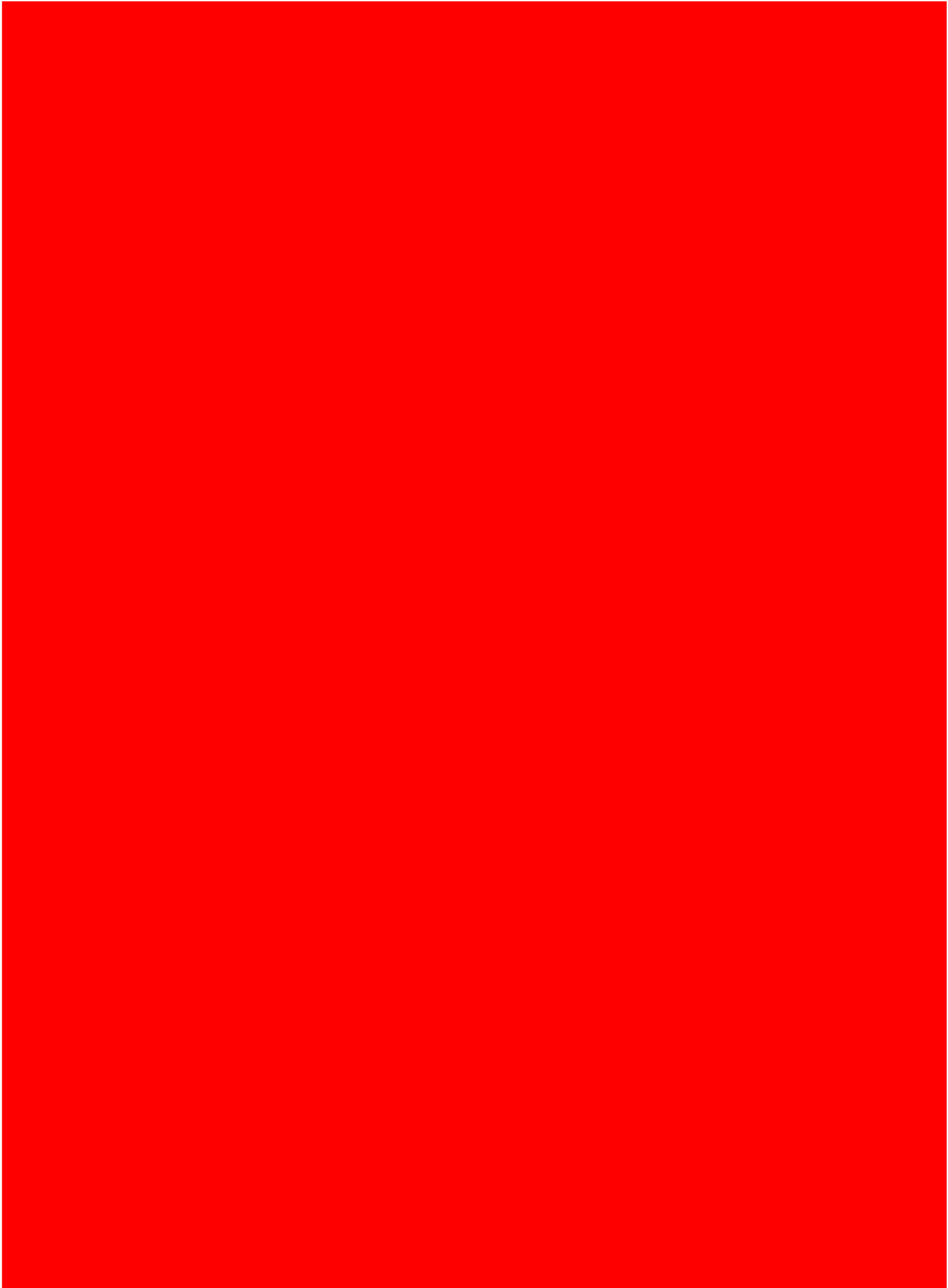
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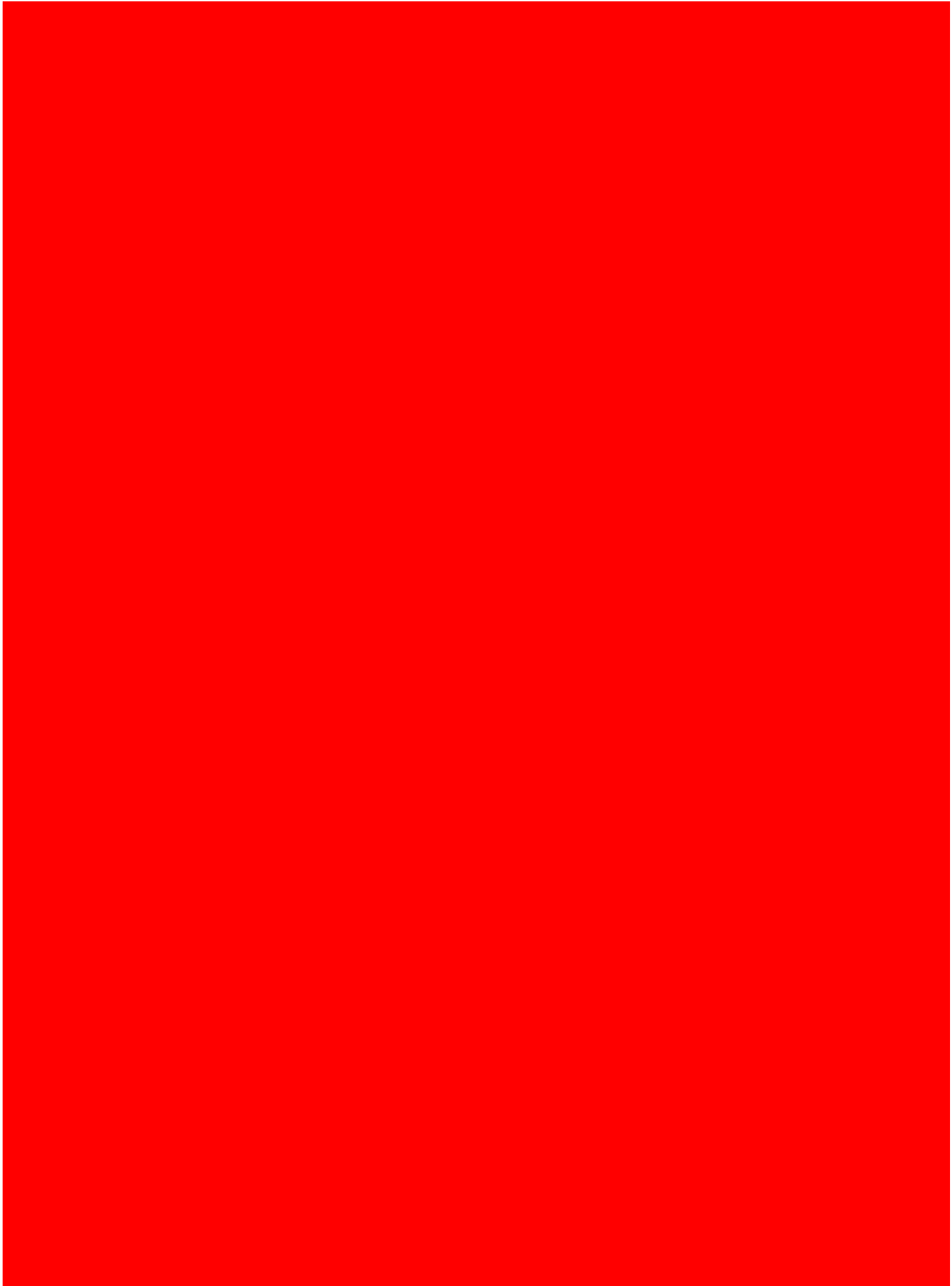
WAIKATO DISTRICT HEALTH BOARD
Minutes of the Finance Risk and Audit Committee
held on Wednesday 25 August 2021, commencing at 9.30am
by Zoom (due to NZ being in level 4 lockdown for COVID19)

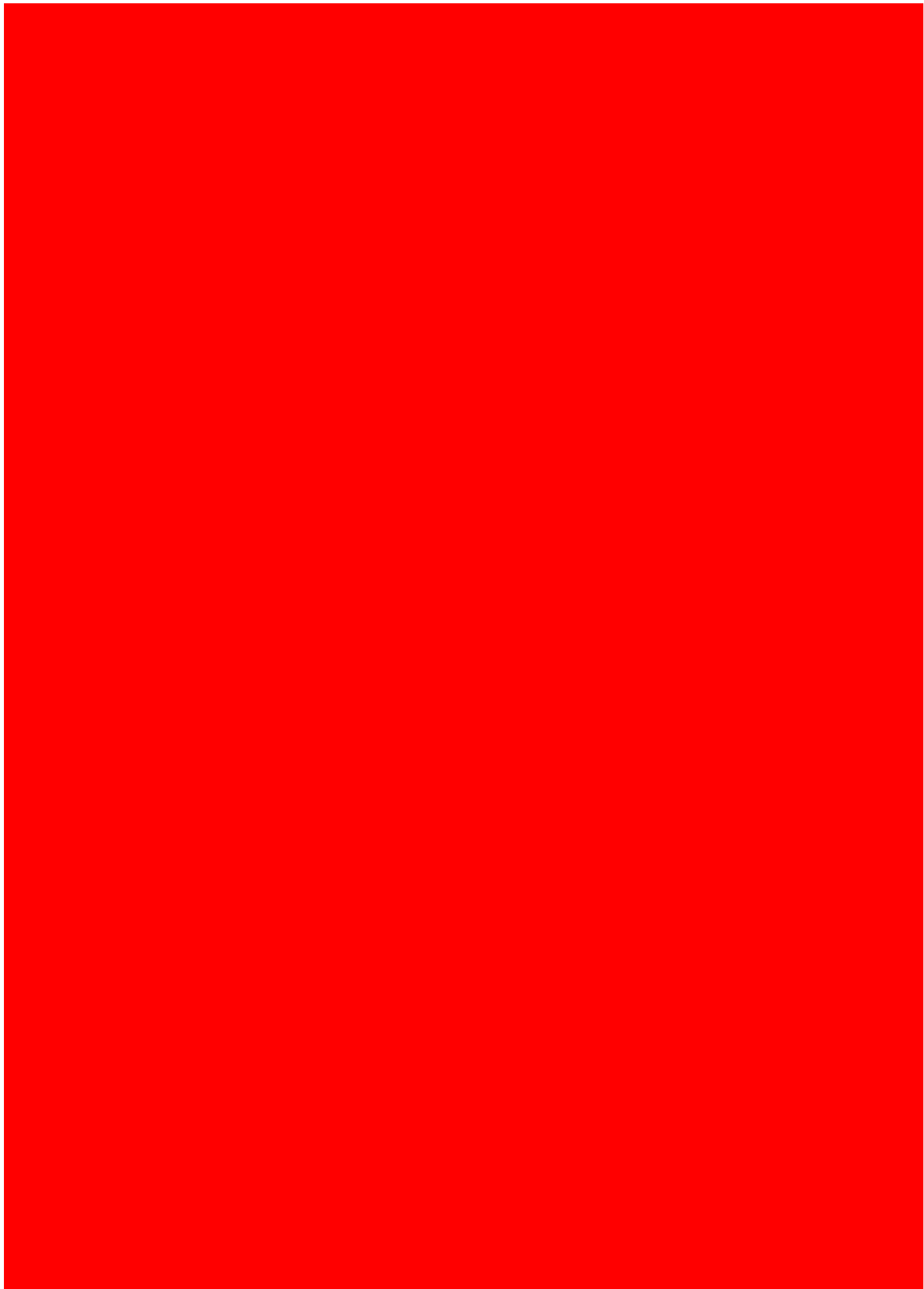
Present: Mrs D Chin (Chair)
Dame K Poutasi
Mr C Paraone
Emeritus Professor M Wilson
Ms TP Thompson-Evans
Mr K Whelan
Mr A Connolly (attended from 10.06am)

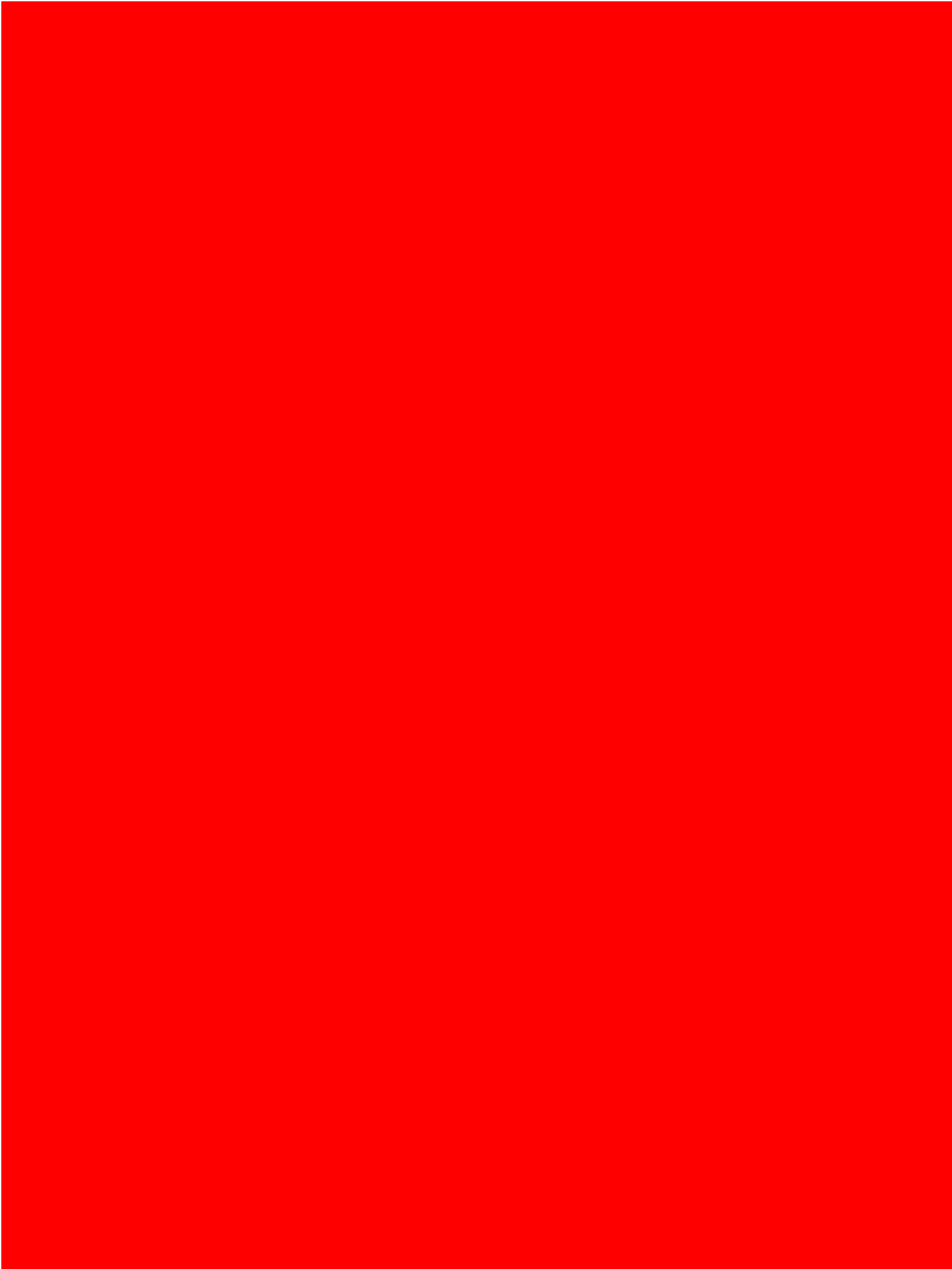
In Attendance: Dr Kevin Snee (Chief Executive)
Mr M Cawthorne (Executive Director, Finance, Procurement and Supply Chain)
Ms C Lowry (Executive Director, Hospital and Community Services)
Ms L Gestro (Executive Director, Strategy, Investment and Transformation)
Mr M Foley (Executive Director, Digital Enablement)
Mr R Nia Nia (Executive Director, Maaori, Equity and Health Improvement)
Mr N Hablous (Company Secretary)
Dr J Carr (Chief Medical Officer, Primary Care)
Ms K Coley (Executive Director, Organisational Support)
Mr I Goulton (Internal Audit)
Mr W Jansen Van Rensburg (Director, Audit NZ)

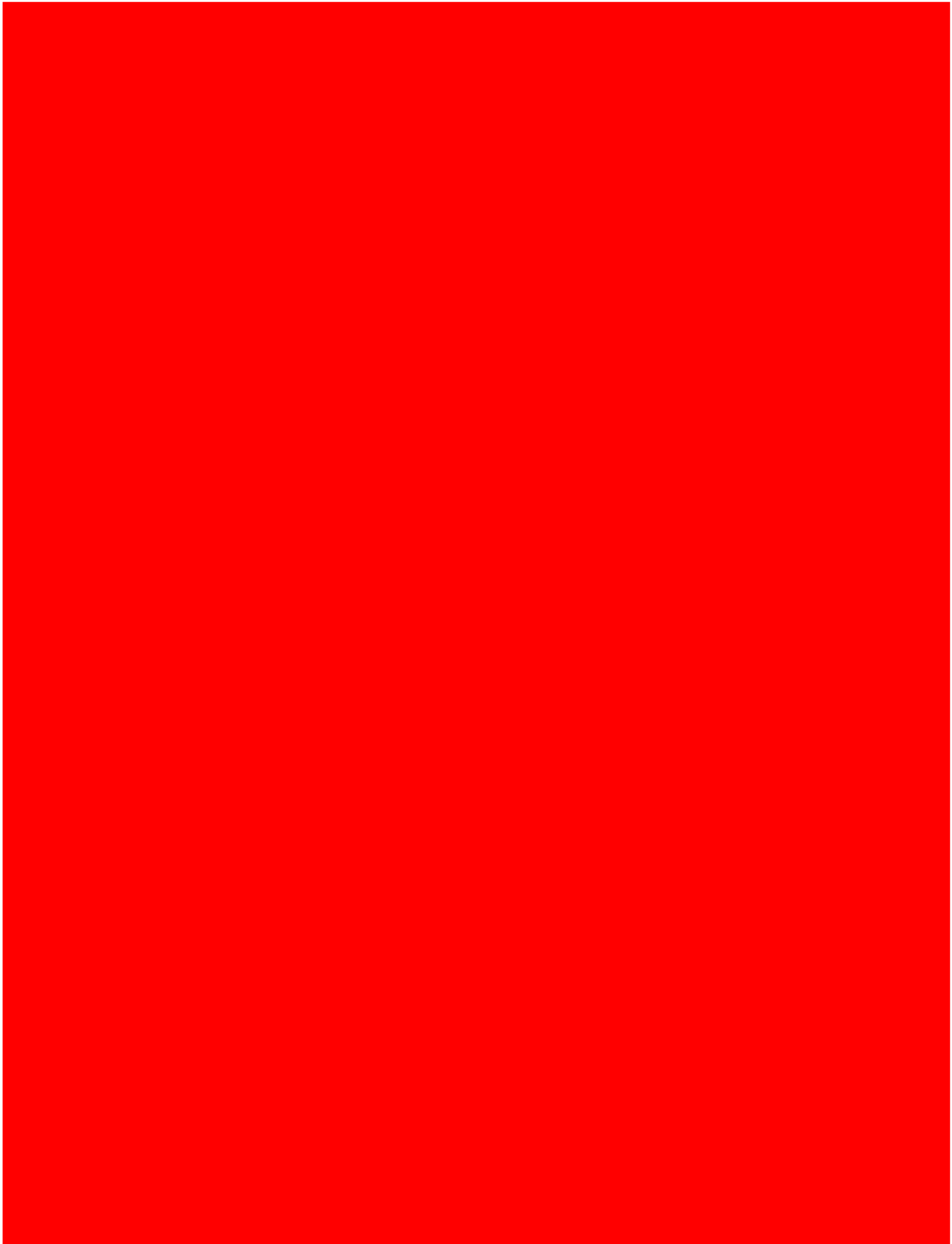















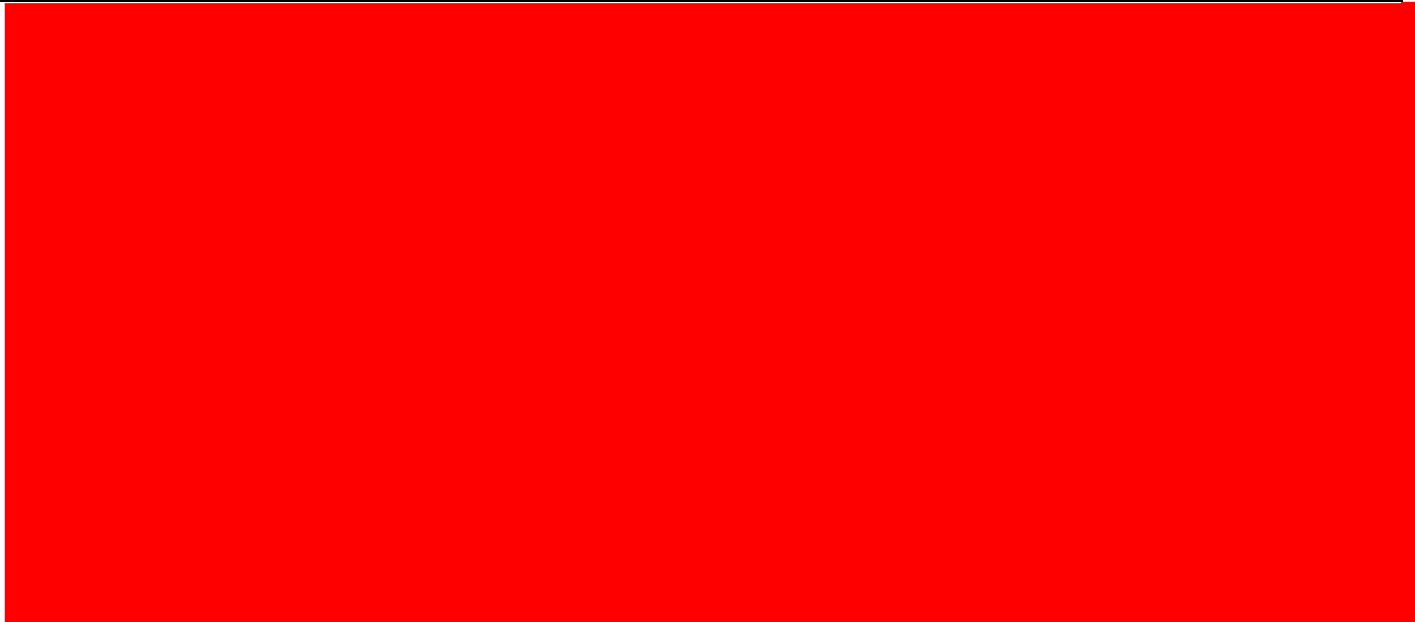
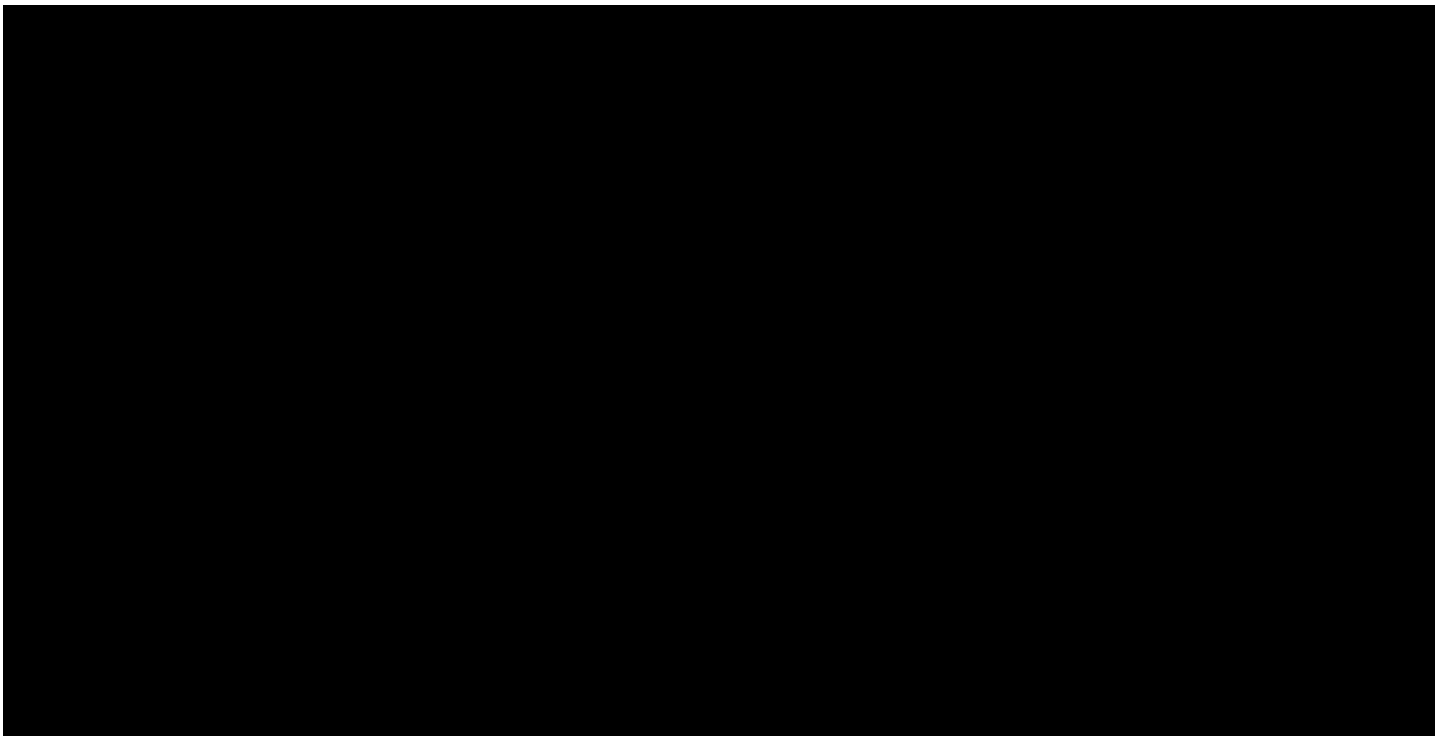
ITEM 10: CYBER SECURITY

10.1 Cyber Security Update

The report was taken as read.

The Committee:

- a) **Noted** the content of the report.
 - b) **Noted** that work to enhance cyber security is currently being scoped
- 



Chairperson: _____

Date: _____

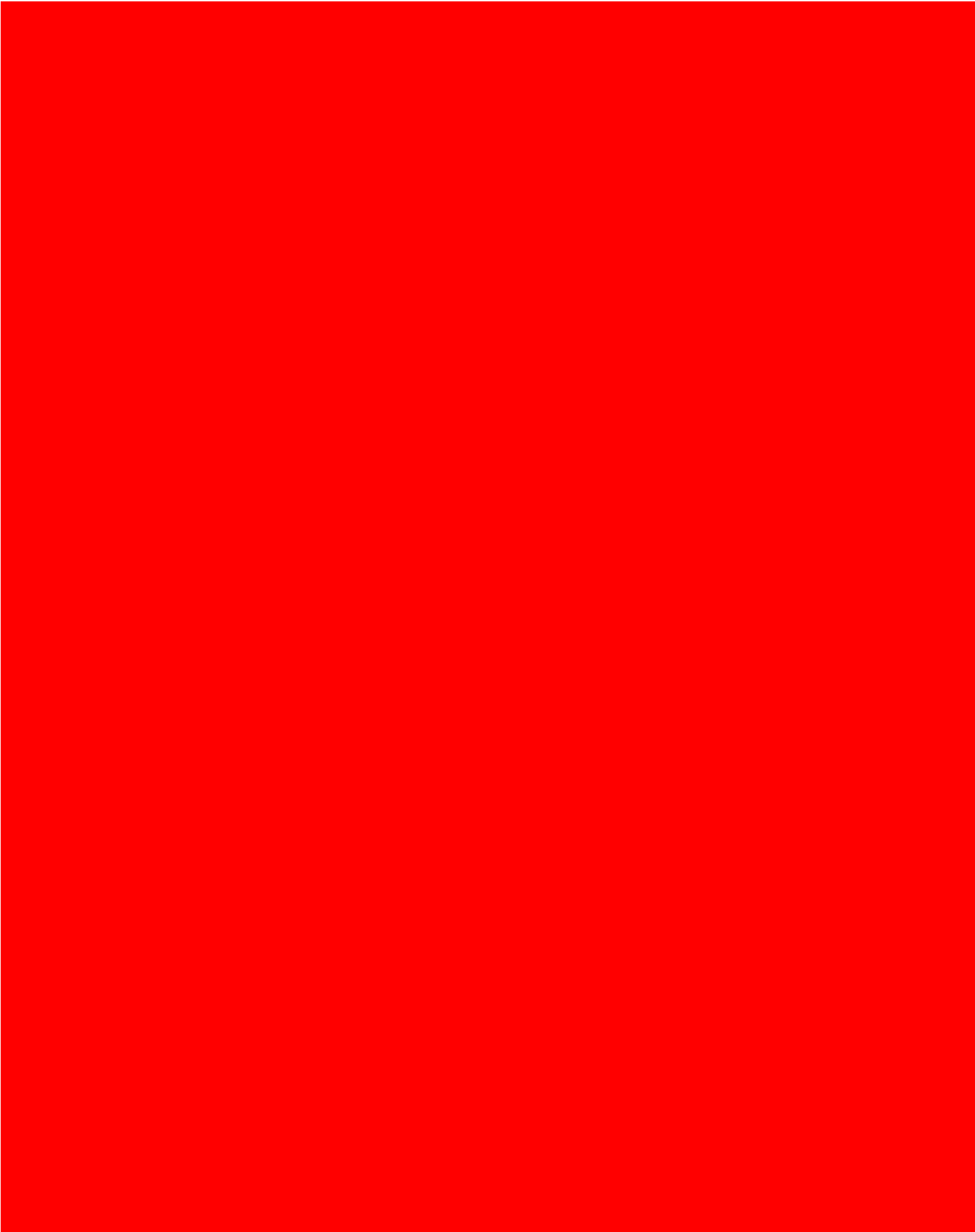
Meeting Closed: 12.30pm

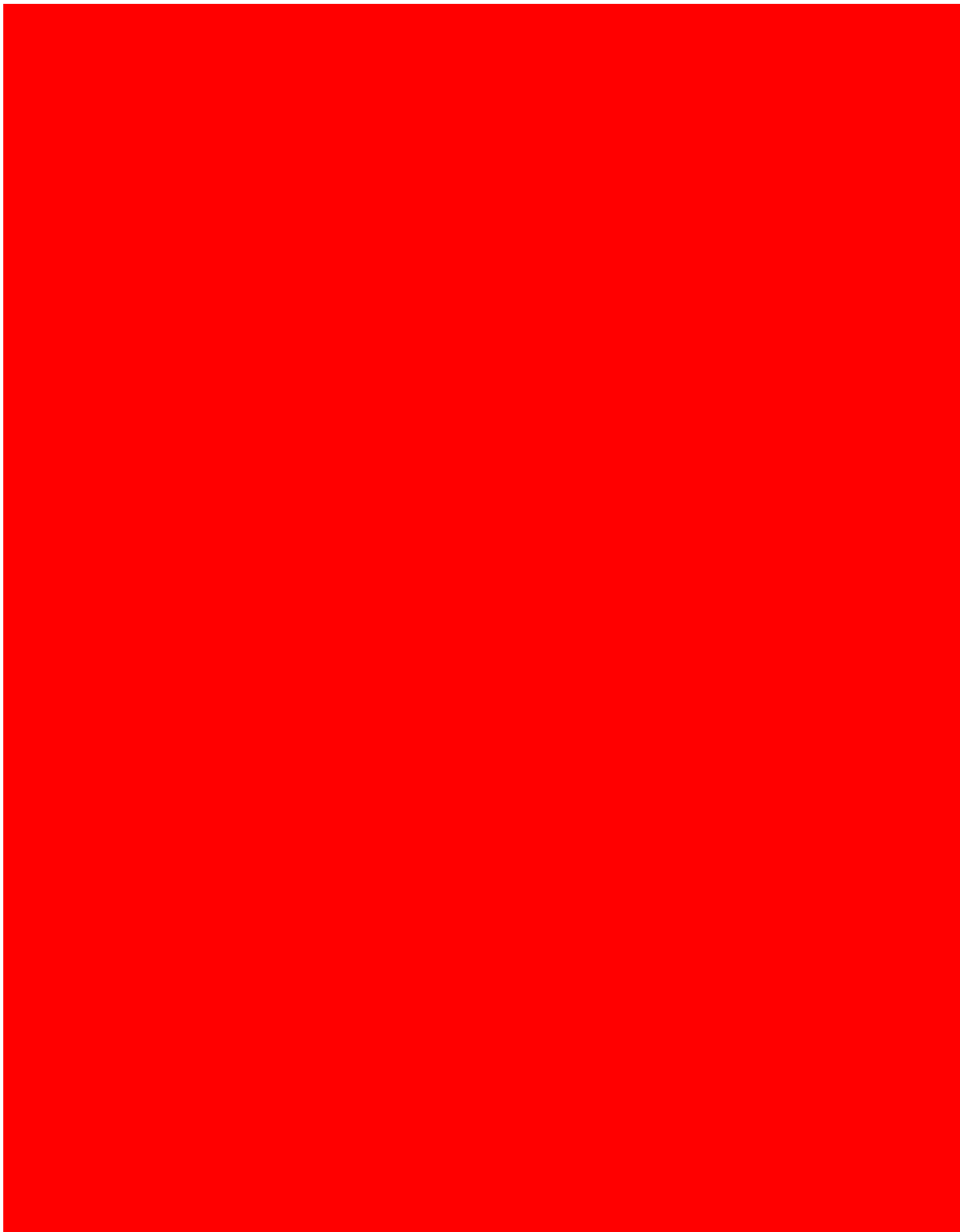
WAIKATO DISTRICT HEALTH BOARD
Minutes of the Finance Risk and Audit Committee
held on Wednesday 22 September 2021, commencing at 10.04am
in the Board room, level 1, Hockin building
and by Zoom (due to alert levels for COVID19 in NZ)

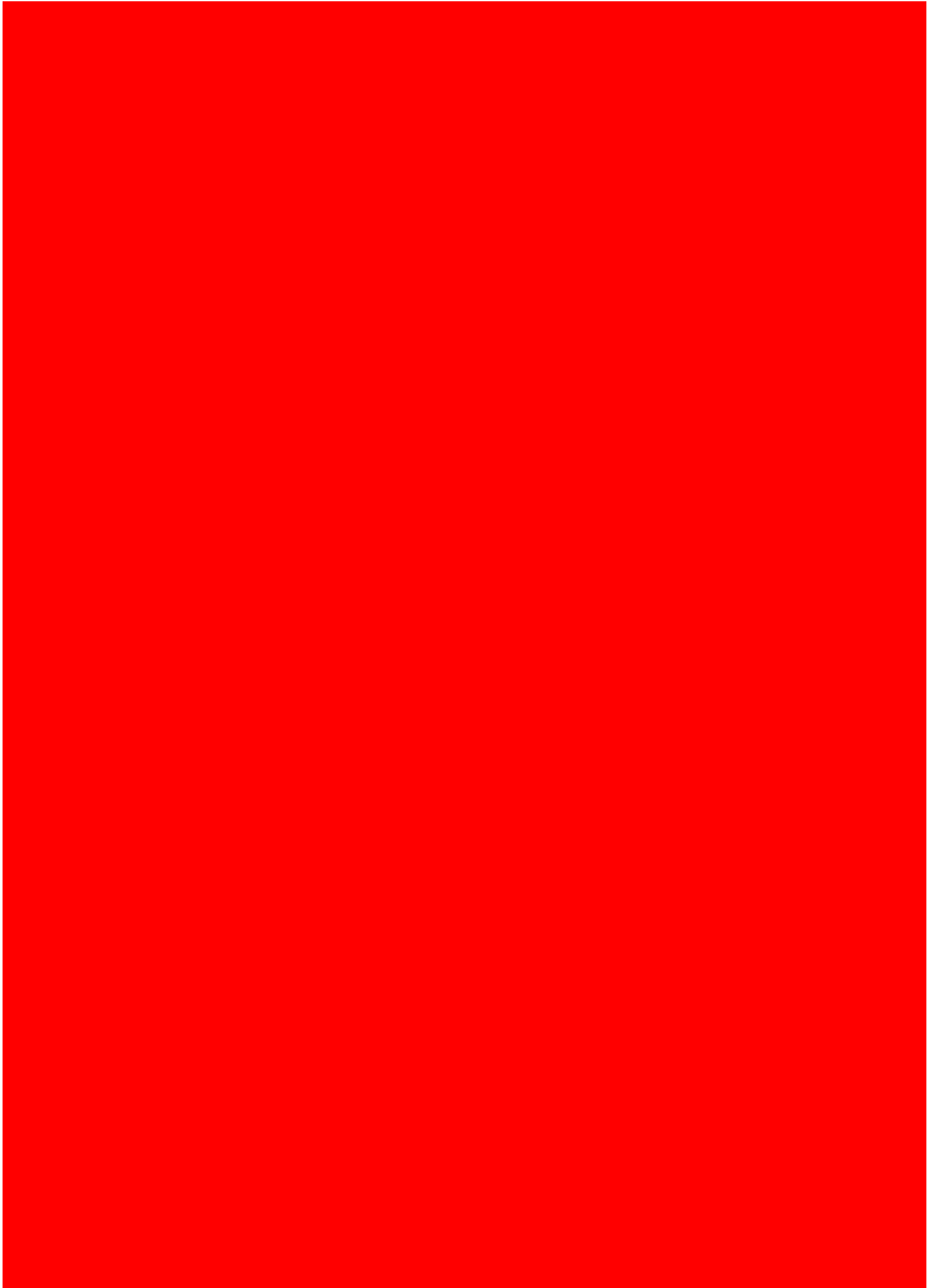
Present: Mrs D Chin (Chair)
Dame K Poutasi
Mr C Paraone
Emeritus Professor M Wilson
Ms TP Thompson-Evans
Mr K Whelan
Mr A Connolly (attended from 10.52am)

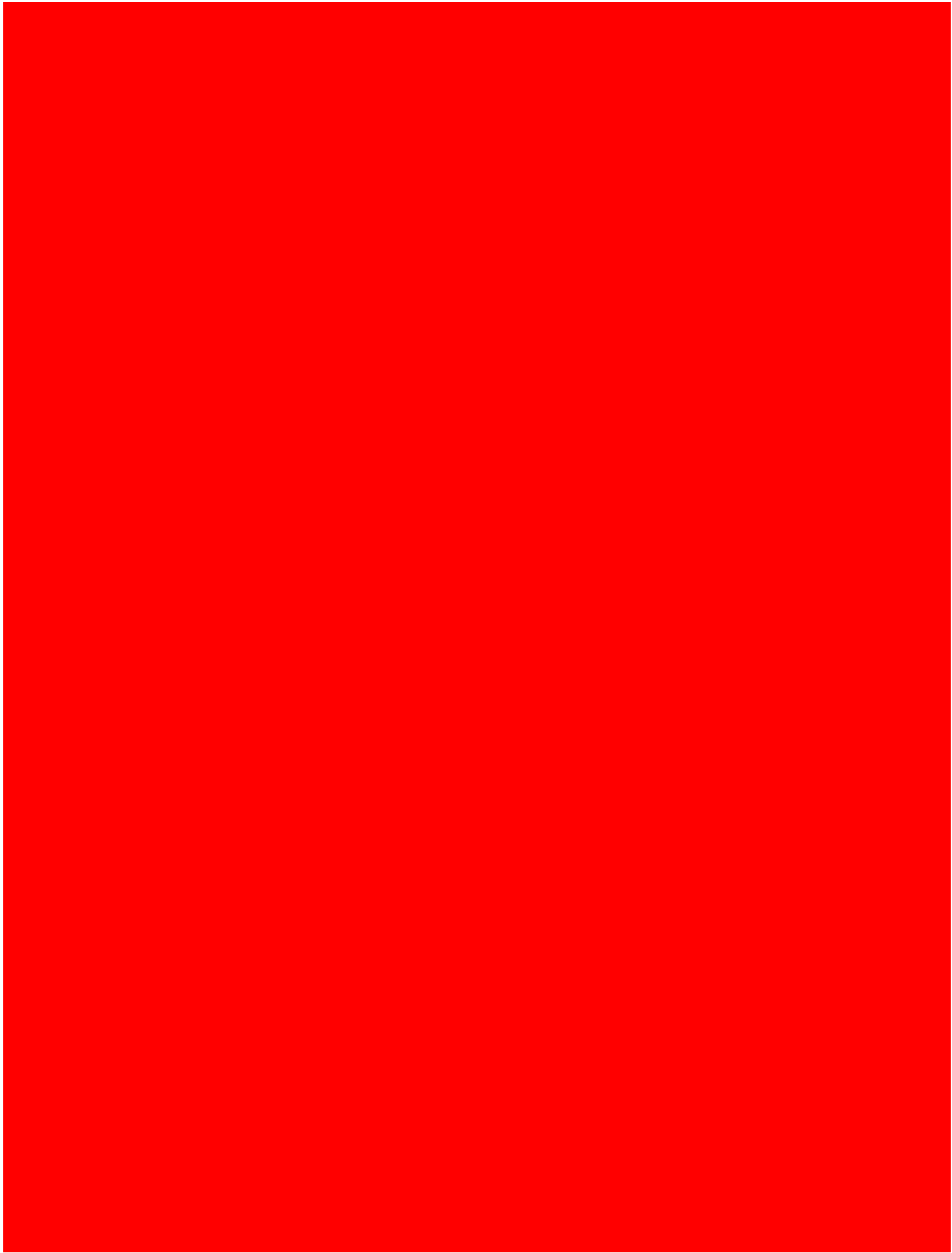
In Attendance: Dr Kevin Snee (Chief Executive)
Mr M Cawthorne (Executive Director, Finance, Procurement and Supply Chain)
Ms C Lowry (Executive Director, Hospital and Community Services)
Ms L Gestro (Executive Director, Strategy, Investment and Transformation)
Mr M Foley (Executive Director, Digital Enablement)
Mr R Nia Nia (Executive Director, Maaori, Equity and Health Improvement)
Mr N Hablous (Company Secretary)
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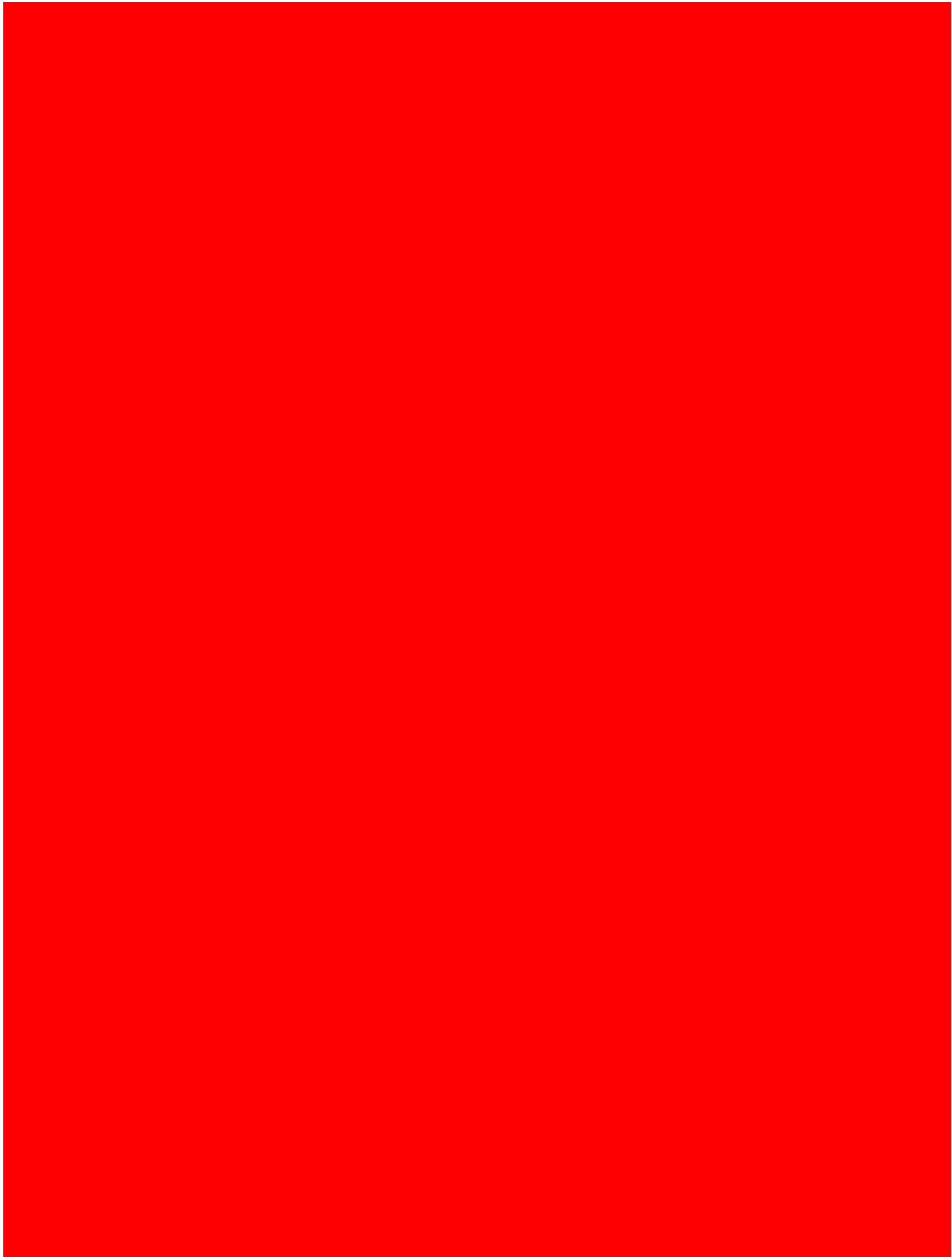


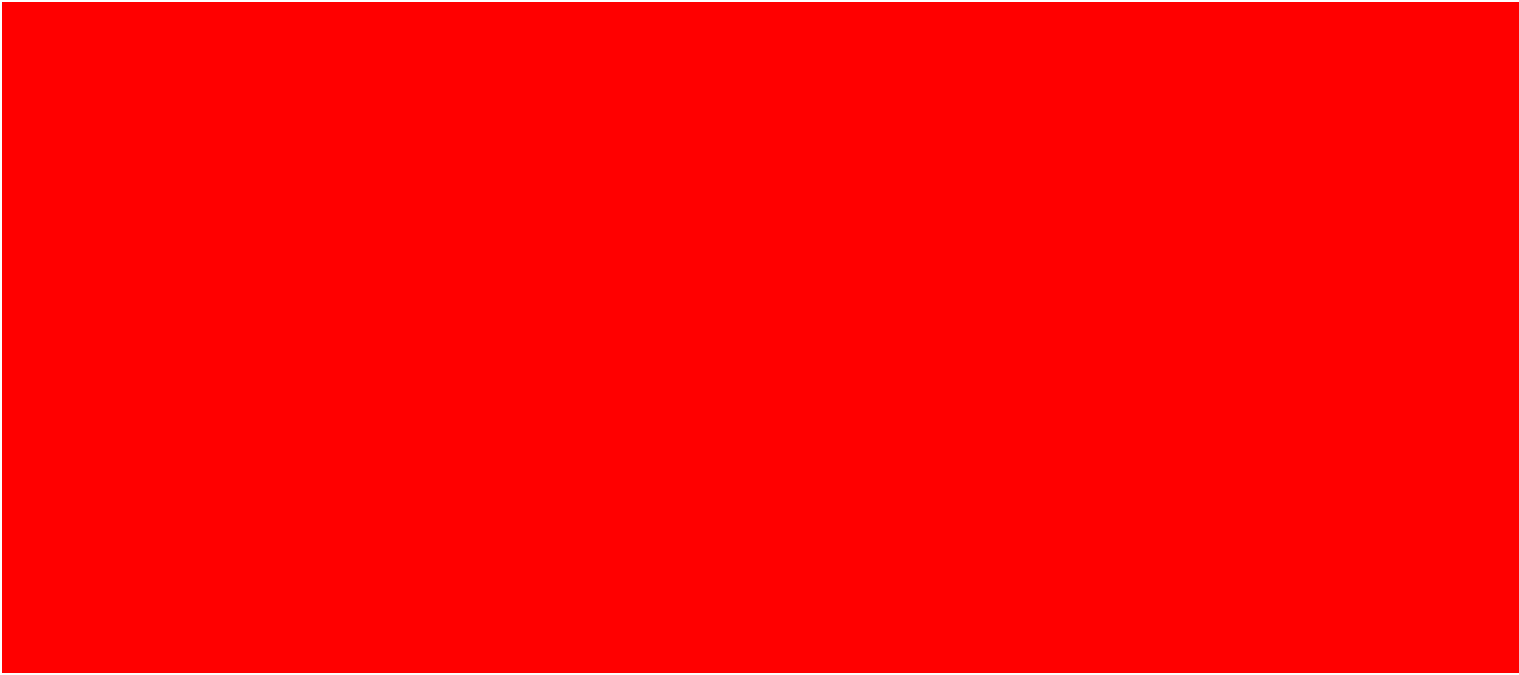




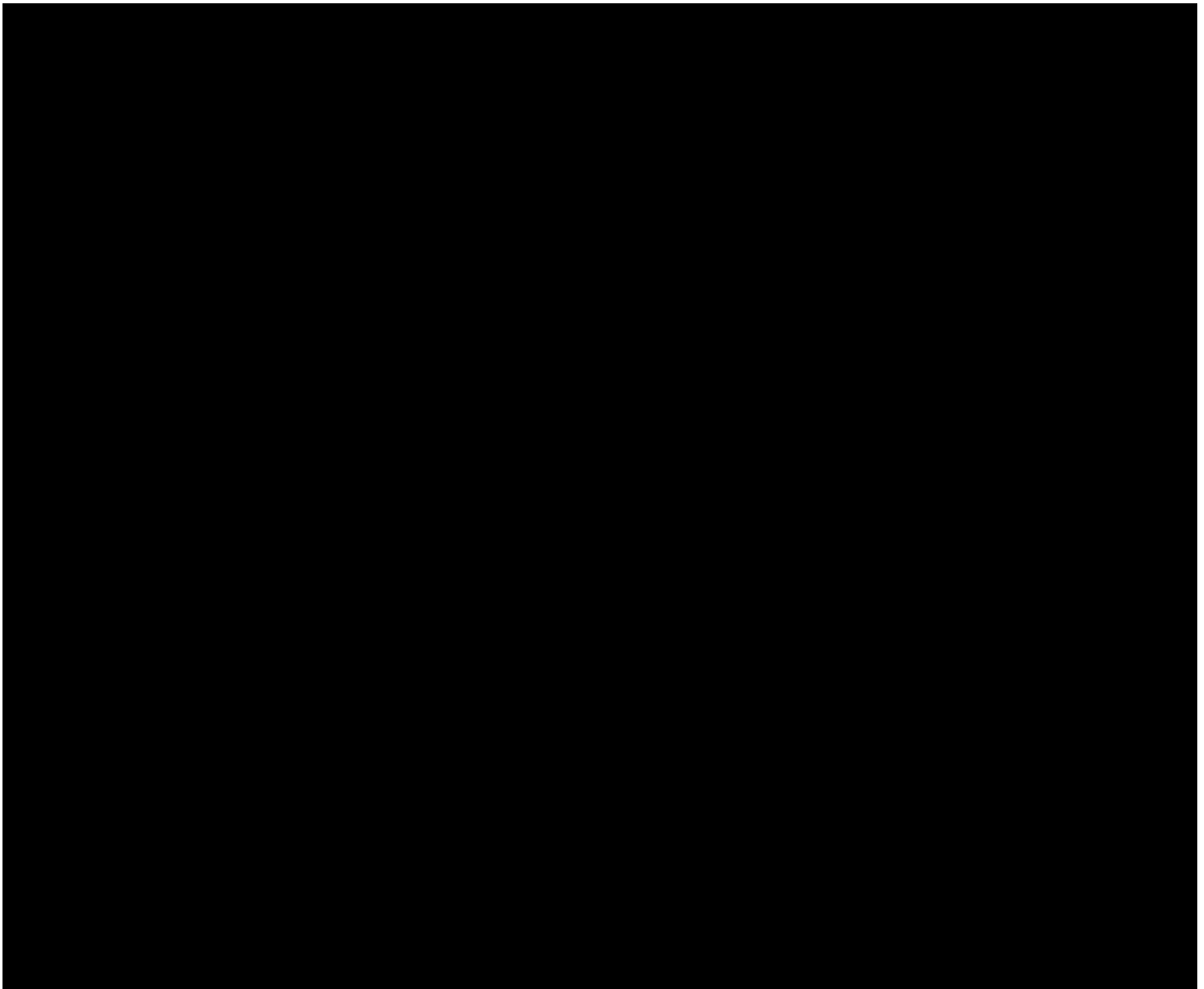









ITEM 10: CYBER SECURITY



- [REDACTED]
- d) **Noted** the increase in actual costs incurred from 31 July 2021 of [REDACTED] is principally due to:
- [REDACTED] IS costs covering external resources assisting IS, software vendor support costs, and IS infrastructure costs;
 - [REDACTED] for Recovery team costs recognised to date;
 - [REDACTED] for additional patient treatment costs;
 - [REDACTED]
- e) **Noted** the revised forecast, and the increase in forecast costs is principally from 31 July 2021 of [REDACTED] due to:
- [REDACTED] for ongoing high IS infrastructure costs and new IS supplier resource contracts signed;
 - [REDACTED] for patient treatment costs from external providers (further invoices received and forecast);
 - [REDACTED] for security services due to ongoing delay with recovery of CCTV security systems;
 - [REDACTED] for clinical backlog catch-up, following initial draft analysis of volumes of clinical backlog due to the cyber event, with a plan and costings still to be done;
 - [REDACTED]
- f) **Noted** that a recent Cabinet paper on IS costs across the sector may result in about [REDACTED] of these costs being covered externally.
- g) **Requested** for October a clear position on the financial and clinical impact of clinical services deferred as a result of the cyber incident.
- h) **Requested** for October a report on the impact of the cyber incident on Inter-district flows and therefore on revenue.
- i) **Noted** that the DHB has explicitly stated in the 2021/22 Annual Plan that cyber security costs and additional ongoing costs have been excluded from the budget target.
- j) **Noted** that correspondence had been forwarded to the Ministry of Health pursuant to clause 4.12.13 of the Operational Policy Framework seeking support for costs arising from the cyber incident [REDACTED] and would be raised by the Executive at the next Intensive Support meeting with the Ministry.
- k) **Noted** Executive and Audit NZ assurances that expenditure arising from the cyber incident had been appropriately authorised.
- l) **Noted** the email from the Executive circulated on 16 September 2021 regarding the increase in cyber security costs.
- [REDACTED]

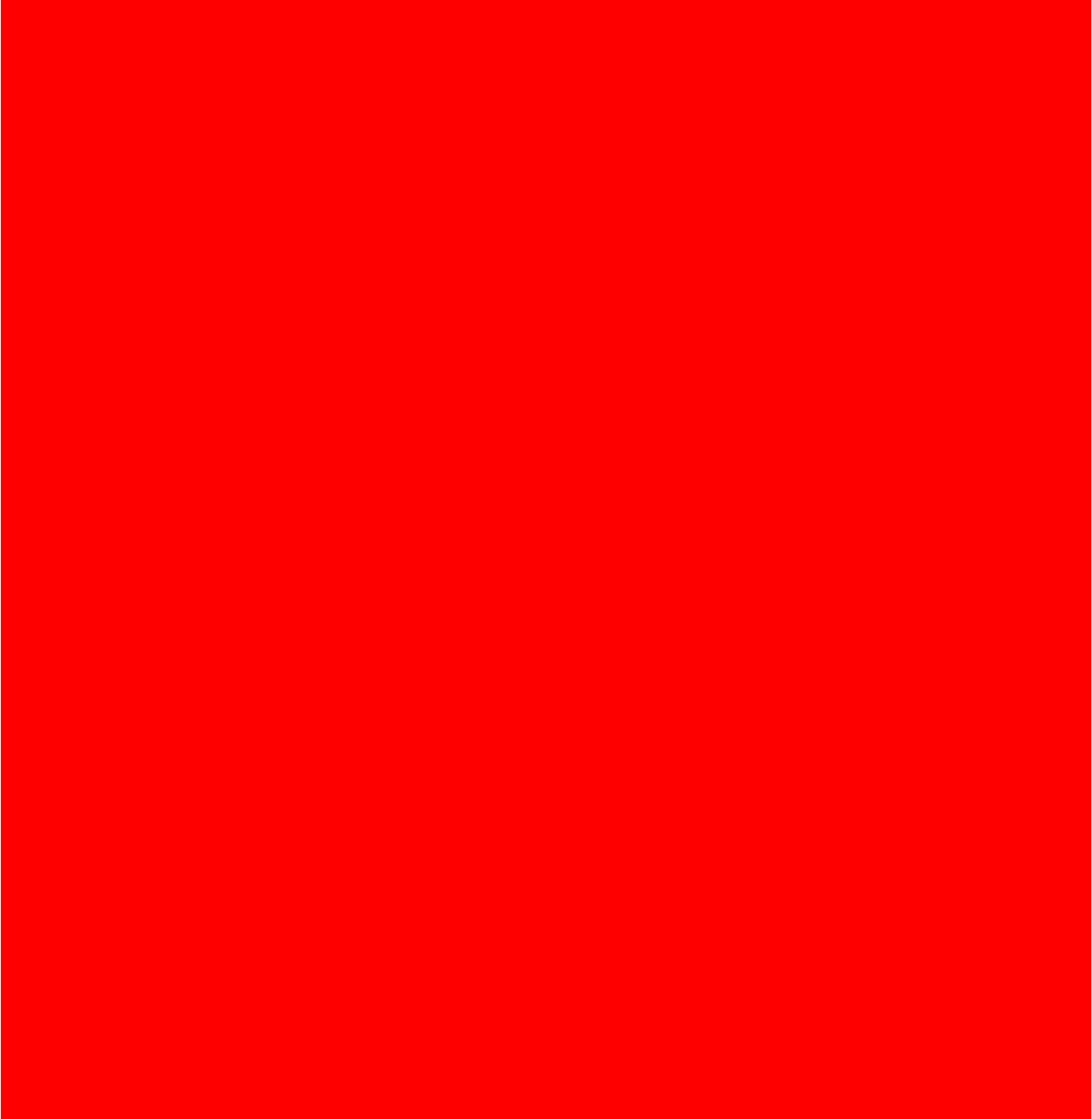


Date: _____

Meeting Closed: 12.10pm

WAIKATO DISTRICT HEALTH BOARD
Confidential Minutes of the Commissioners
held on Wednesday 22 September 2021, commencing at 2.07pm
in the Board room, level 1, Hockin building and by Zoom

- Present:**
- Dame K Poutasi (Commissioner/Chair)
 - Mr C Paraone (Deputy Commissioner – left meeting at 4.15pm)
 - Emeritus Professor M Wilson (Deputy Commissioner)
 - Mrs D Chin (Chair, Finance Risk and Audit Committee)
 - Mr K Whelan (Crown Monitor)
 - Ms TP Thompson-Evans (Iwi Maaori Council Chair)
- In Attendance:**
- Dr K Snee (Chief Executive)
 - Ms S Hayward (Chief Nursing and Midwifery Officer)
 - Mr M Cawthorne (Executive Director, Finance, Procurement and Supply Chain)
 - Ms L Gestro (Executive Director, Strategy Investment and Transformation)
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 - Mr M Foley (Executive Director, Digital Enablement)
 - Mr N Hablous (Company Secretary)



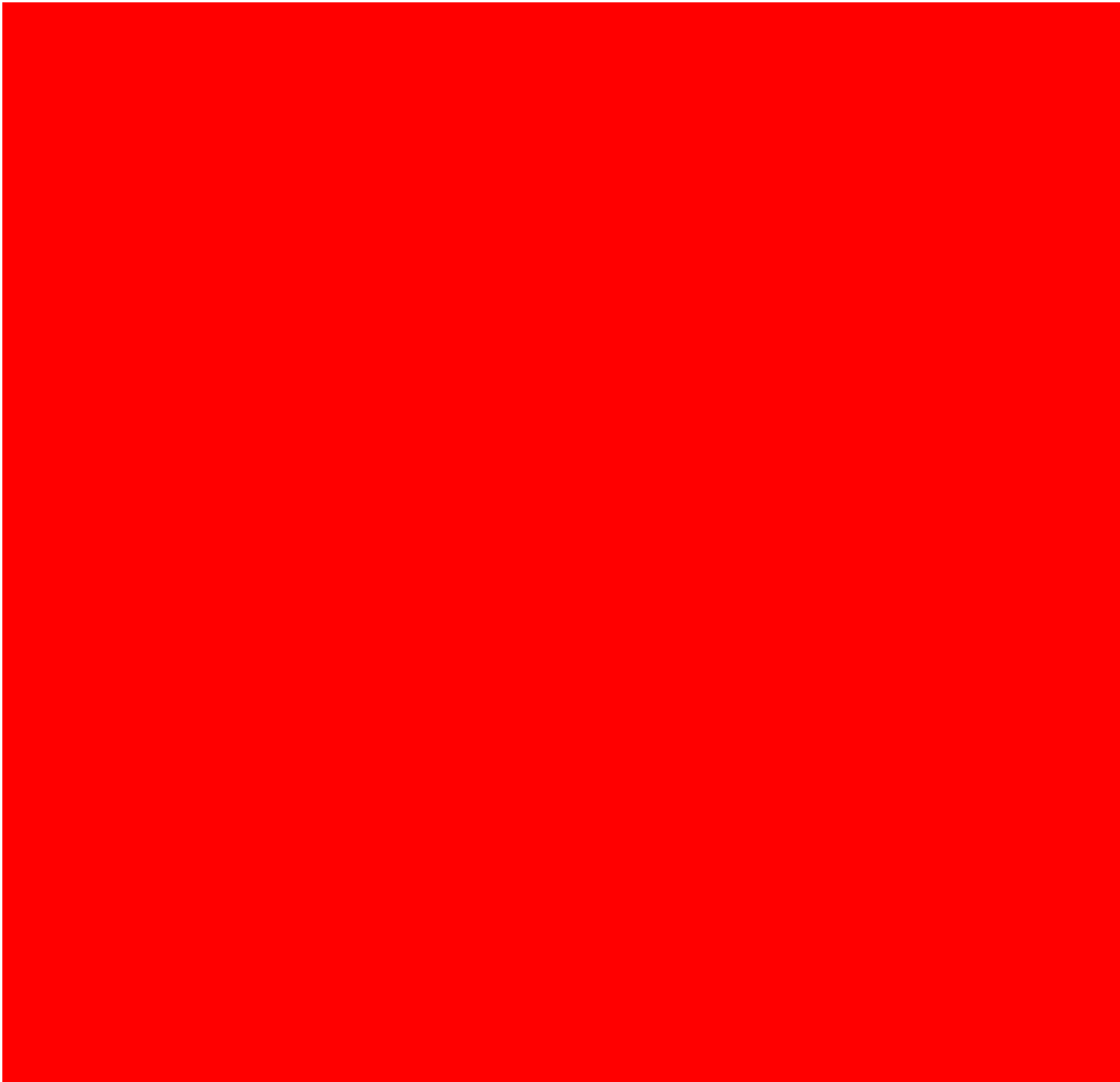
6.2 Cyber Security Incident – Transition to Business as Usual and Lessons Learned

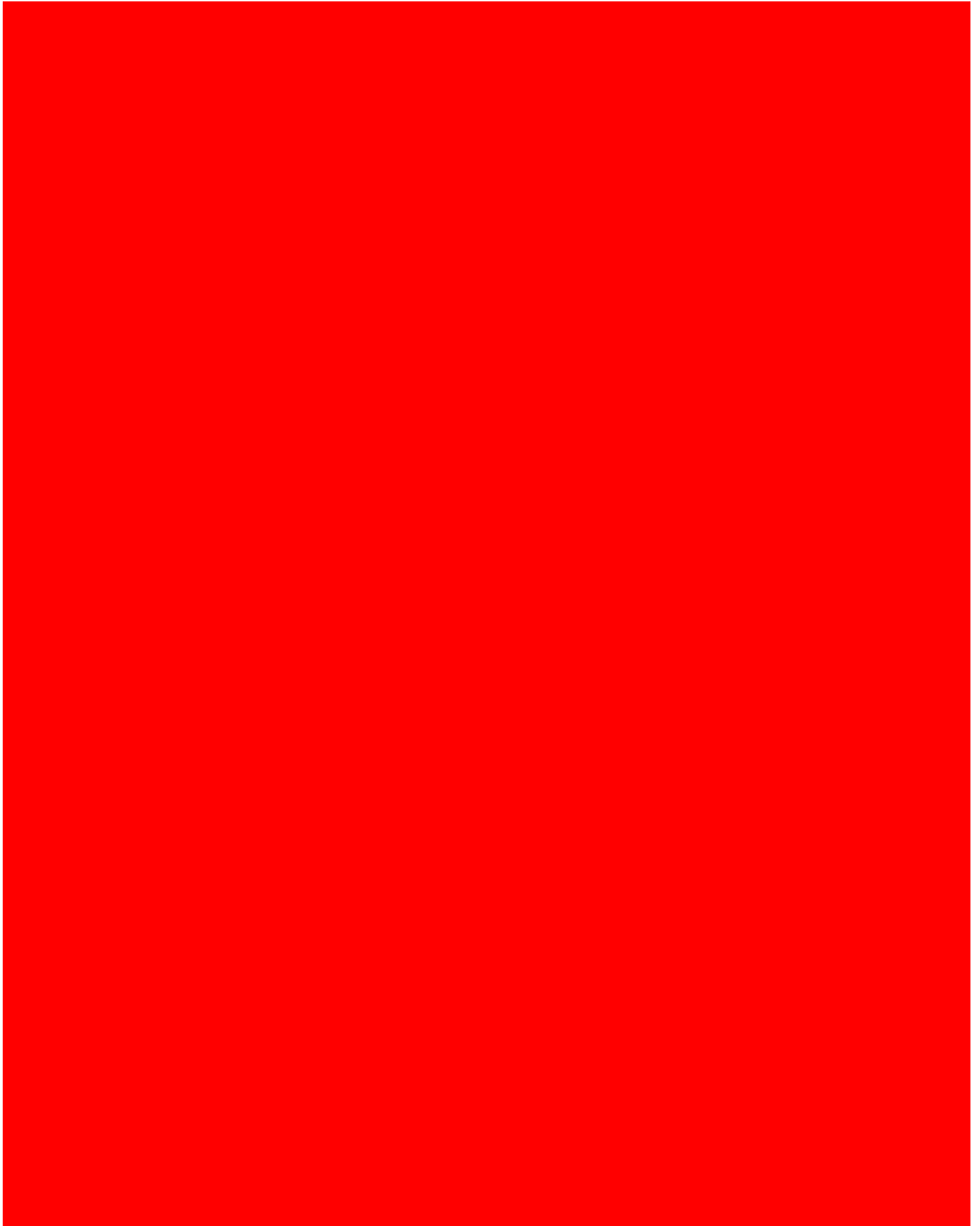
The report was taken as read.

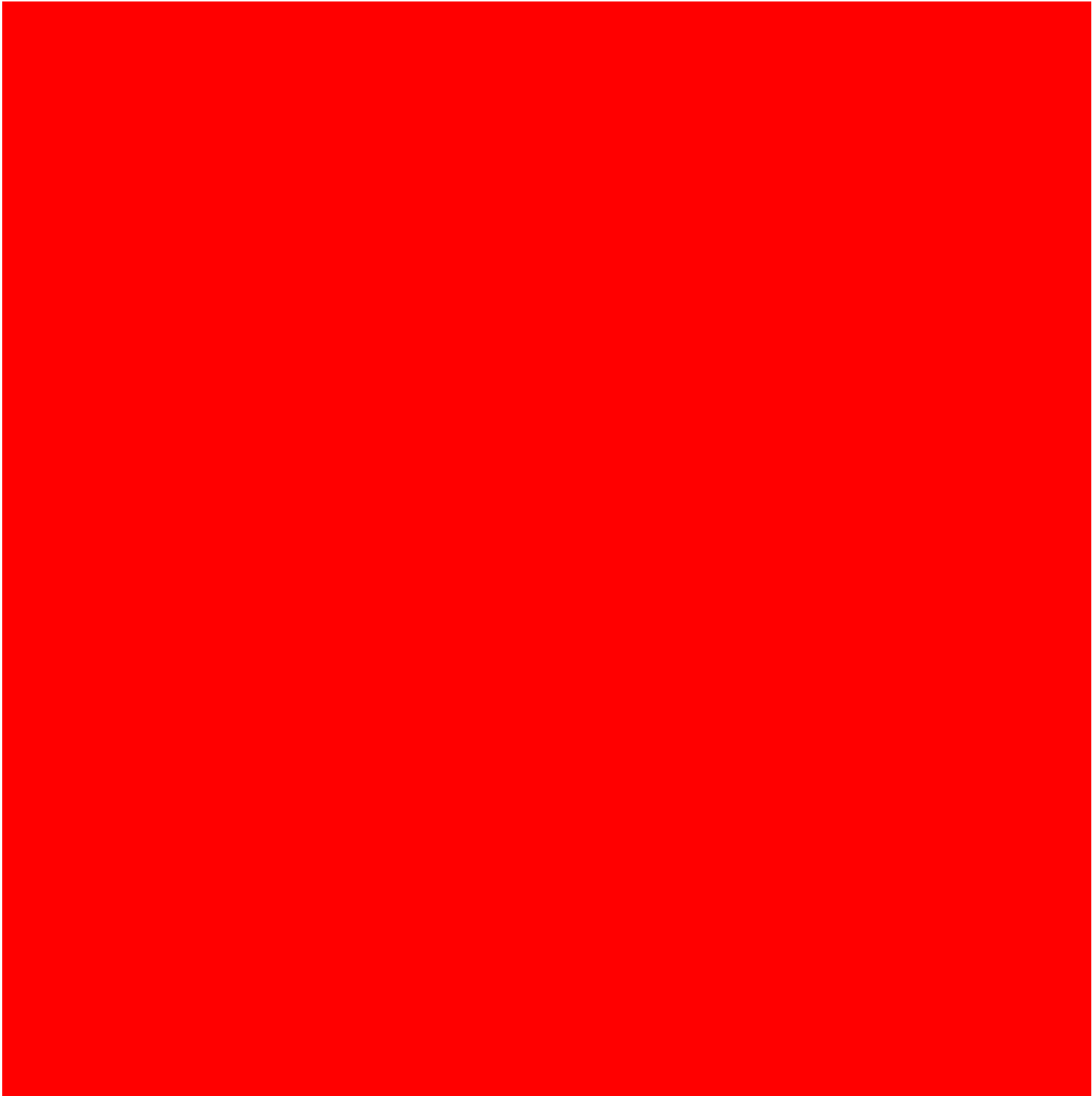
The Commissioner:

- a) **Noted** the status of the Cyber Security Incident Recovery Programme and remaining activities.

- b) **Requested** that the draft terms of reference for the Ministerial Inquiry will be made available to the Commissioner Group if this can occur before they are finalised.
- c) **Requested** a close-out report to be submitted in October.
- d) **Requested** that the close-out report quantifies any increased BAU costs arising from improved resilience put in place during the event and/or recommends where resilience should be positioned to optimise costs.
- e) **Noted** that [REDACTED] would be attending the October FRAC meeting.







Chairperson: _____

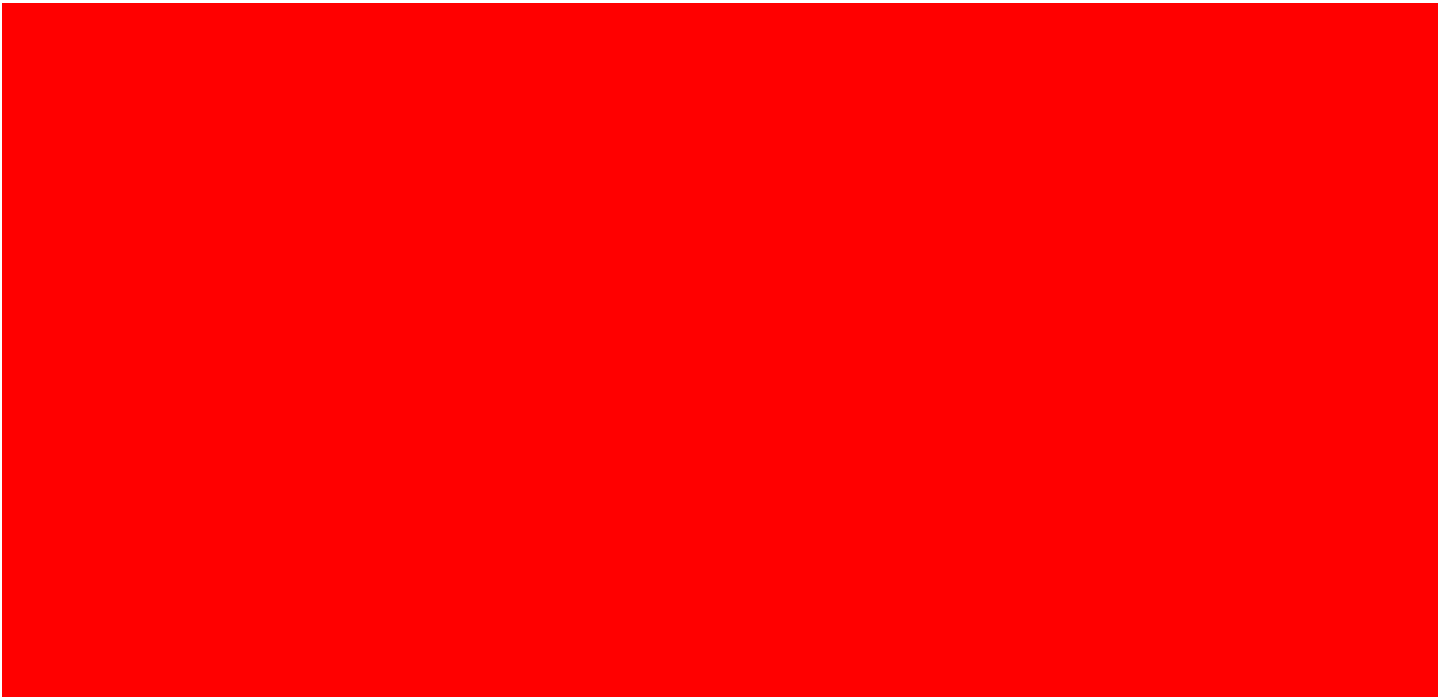
Date: _____

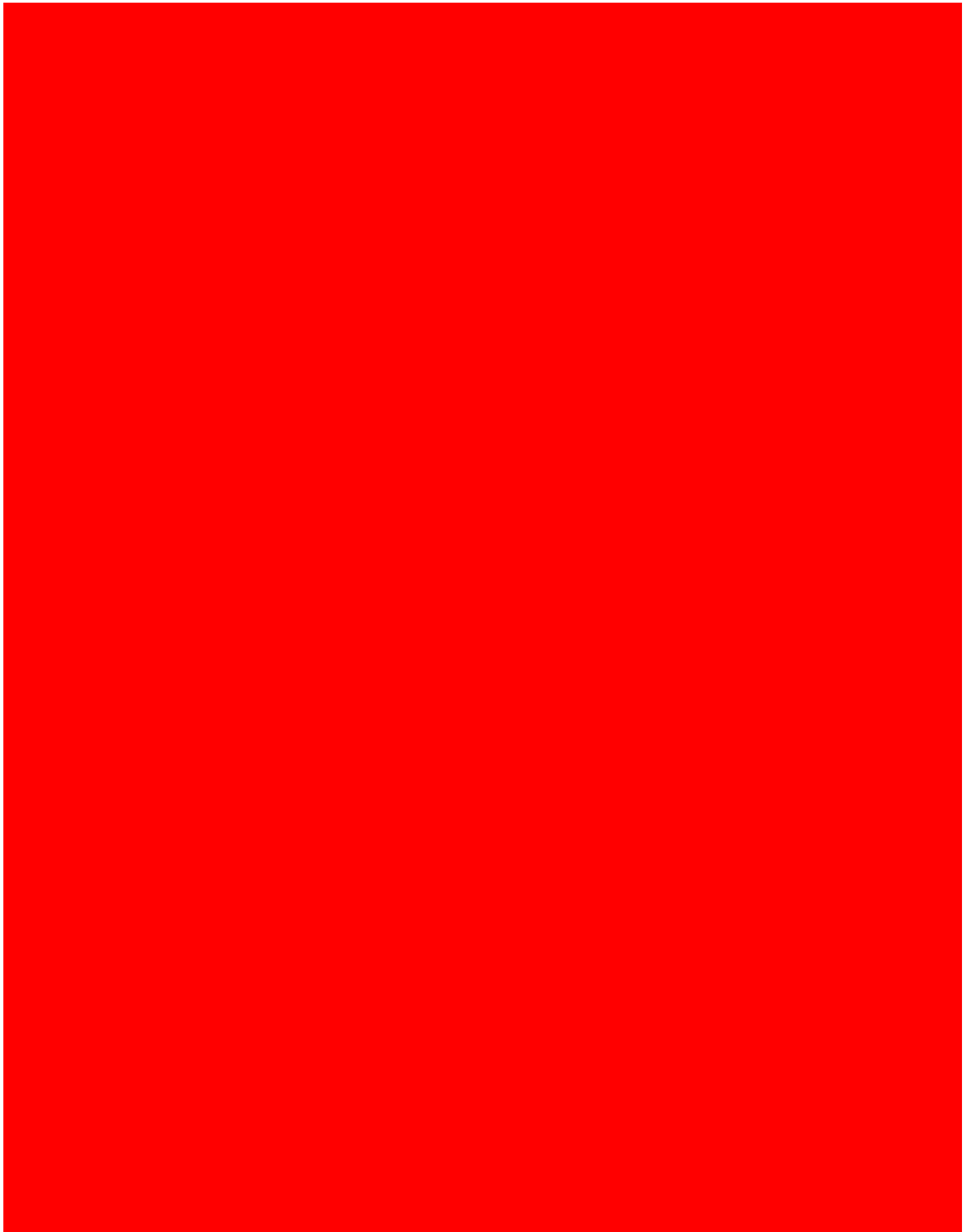
Meeting Closed: 4.40pm

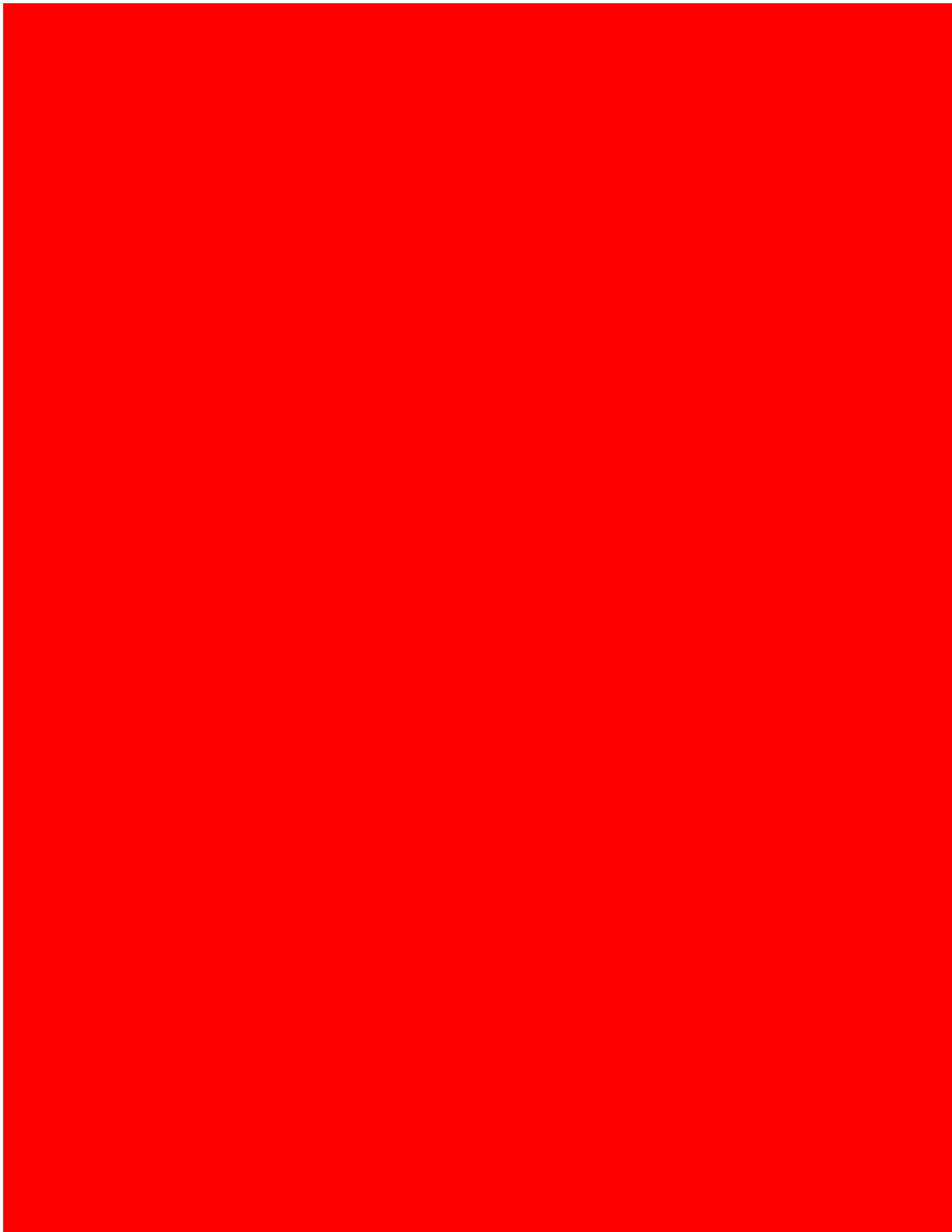
WAIKATO DISTRICT HEALTH BOARD
Minutes of the Finance Risk and Audit Committee
held on Wednesday 27 October 2021, commencing at 10.06am
by Zoom (due to alert levels for COVID19 in NZ)

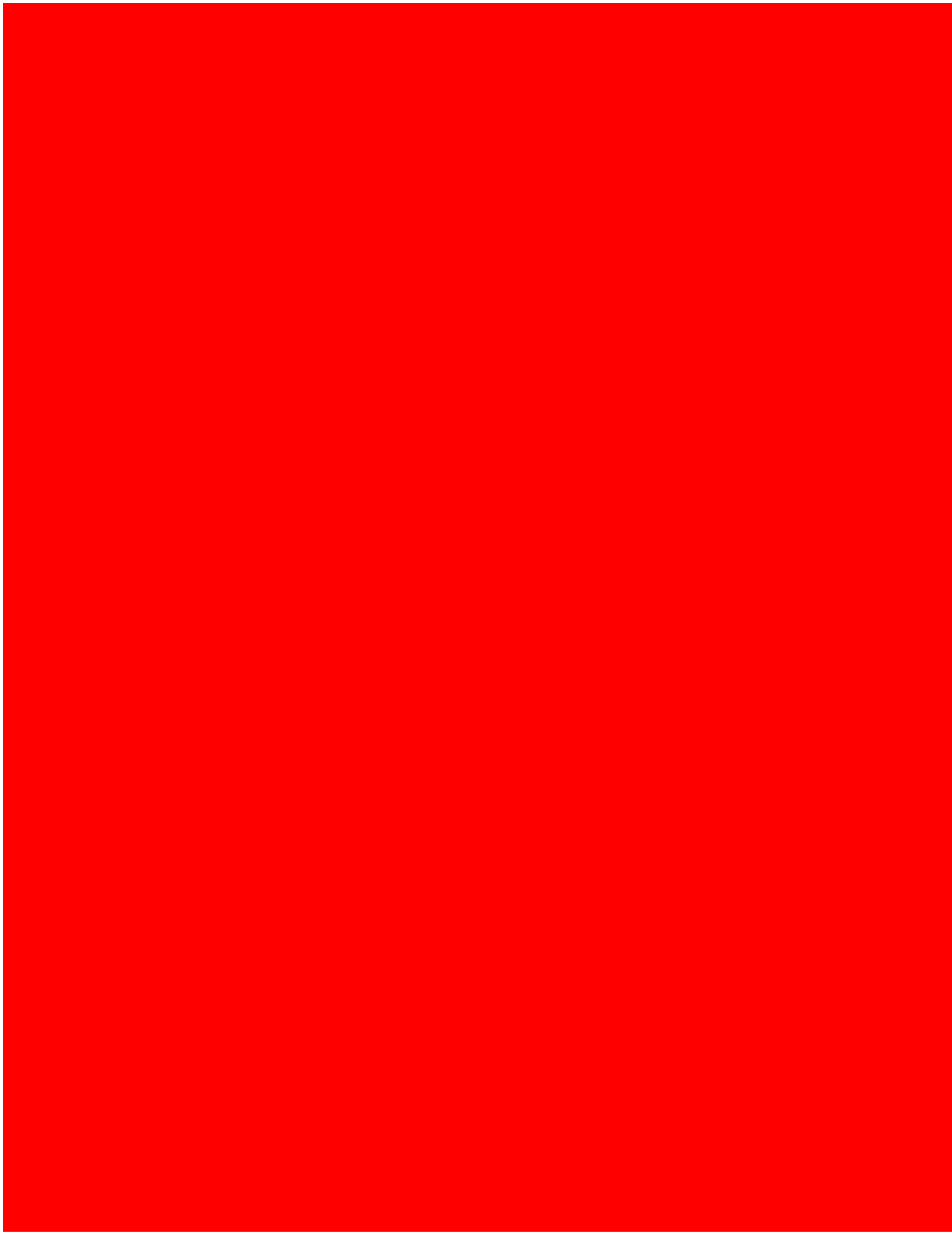
Present: Mrs D Chin (Chair)
Dame K Poutasi
Mr C Paraone
Emeritus Professor M Wilson
Ms TP Thompson-Evans
Mr K Whelan

In Attendance: Dr Kevin Snee (Chief Executive)
Mr M Cawthorne (Executive Director, Finance, Procurement and Supply Chain)
Ms C Lowry (Executive Director, Hospital and Community Services)
Ms L Gestro (Executive Director, Strategy, Investment and Transformation)
Mr M Foley (Executive Director, Digital Enablement)
Mr N Hablous (Company Secretary)
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Mr I Goulton (Internal Audit)
Mr W Jansen Van Rensburg (Director, Audit NZ)









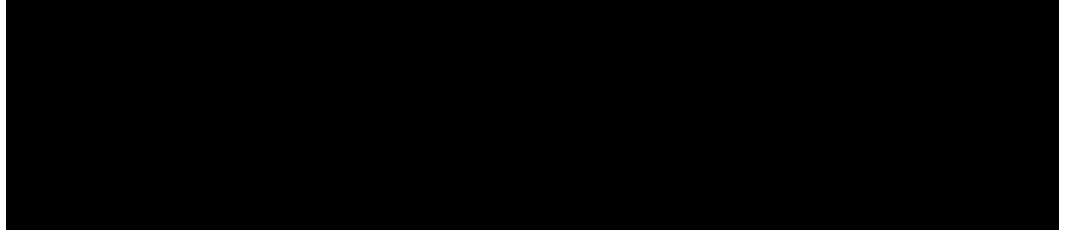


ITEM 10: CYBER SECURITY

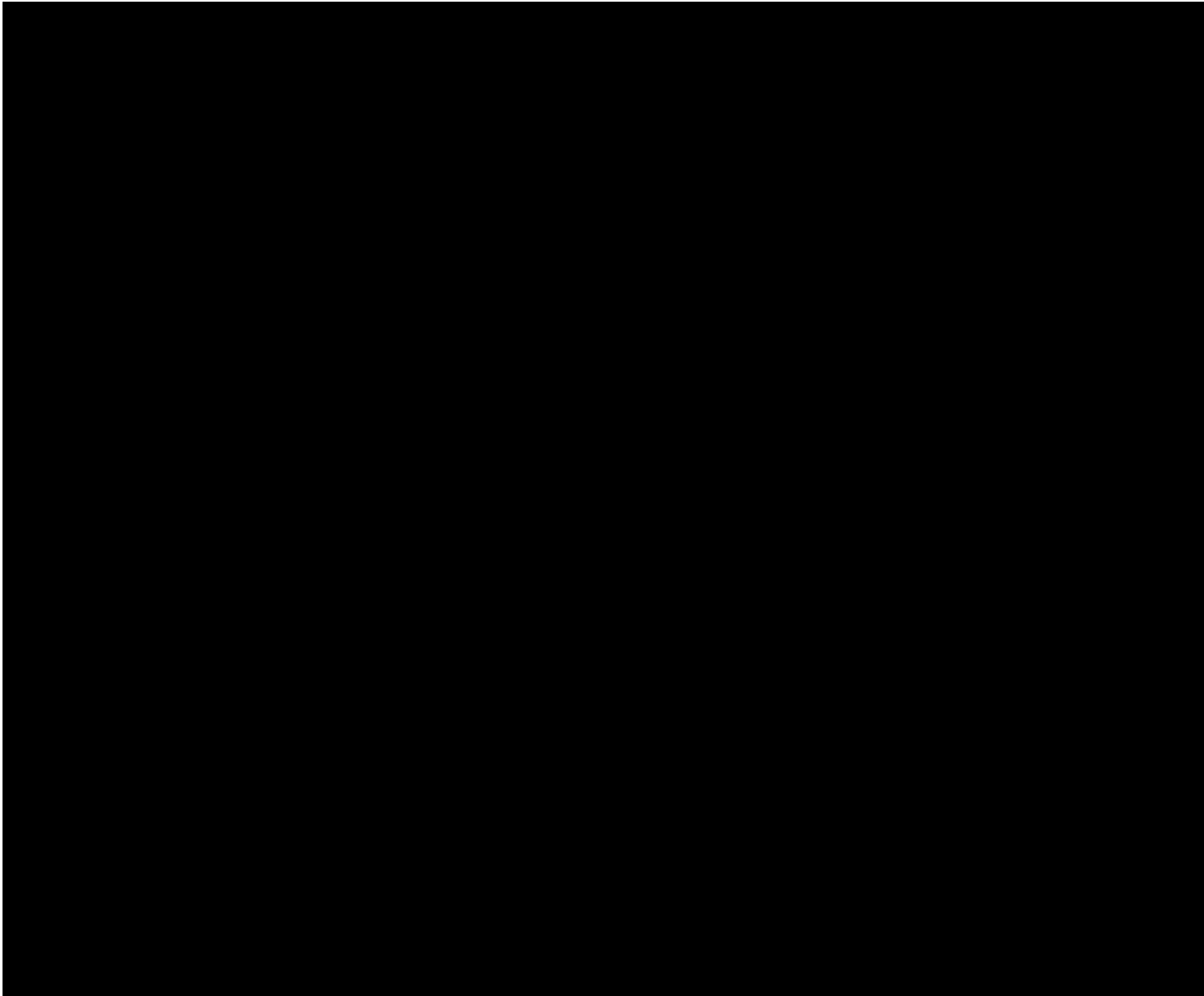
10.1 Cyber Security Strategy

The report was taken as read.

The Committee:



- c) **Noted** that while the Ministry of Health may fund around [REDACTED] of this expenditure in 2012/22 the rest is Waikato DHB expenditure and will need to be derived from reprioritisation or savings across the organisation.
- d) **Requested** that in relation to a decision as to whether or not to move to [REDACTED] the following process is followed:
 - receive IS Outage closure report and Lessons Learned report;
 - ascertain views of Health NZ and the Ministry of Health;
 - come back to the Commissioner by February 2022 with a recommendation.
- e) **Noted** that [REDACTED] allows for scalability as the sector moves into more integrated regional structures.



10.4 Lessons Learned Update

The report was taken as read.

The Committee:

- a) **Noted** the attendance of [REDACTED]
- b) **Noted** the verbal update from the Recovery Programme Executive on the recovery programme work.
- c) **Noted** the verbal summary from the auditors engaged in the lessons learned review of the work done, key themes, key learnings and next steps.
- d) **Noted** the close out report and lessons learned report would be submitted to the November informal Commissioner meeting for consideration.

- e) **Noted** that the lessons learned report would be shared with the Ministry of Health/Health Minister
- f) **Noted** the review commissioned by the Ministry of Health on security assessment maturity to understand the level of security maturity of DHBs and shared service agencies and that the review report would be handed over to Health NZ.
- g) **Requested** the Executive comes to FRAC in December with an action plan and response to the recommendations of the lessons learned report.



Chairperson: _____

Date: _____

Meeting Closed: 12.37pm