

**PLAN CHANGE 1 - DAY 7**

**Monday 25<sup>th</sup> March 2019**

Panel: **B Morrison, S Tepania, G Hill (Chair), T Robinson, G Ryder**

**START 8.59am**

Greg Hill

**9.00am**

**Director General of Conservation**

**Victoria Tumai** Introductions. Reading evidence.

9.09am

T Robinson question re Mr Ferguson, objectives, holistic approach

V Tumai

9.16am

S Tepania question re vision and strategy, Supreme Court, PC1, no scope / technical, legal, practical

V Tumai

9.20am

T Robinson question re give effect, Treaty based right

V Tumai

9.29am

T Robinson question re Mercury, scope and attributes / nitrogen, phosphorous, pathogens / experts views

V Tumai

9.40am

G Hill question re direct links

V Tumai

T Robinson question re current attribute, sub-set of nitrogen, relations of contaminants

V Tumai

9.42am

G Hill question re status of values, relevance / effect of vision and strategy, use values

V Tumai

9.46am

T Robinson question re determine objectives, useful purpose of values / waste water discharge

V Tumai

9.49am

B Morrison question re value of economic wellbeing, Mayor, unemployment

V Tumai

10.03am

G Hill comment

T Robinson comment

V Tumai

10.05am  
T Robinson question re scope, not freshwater, outside geographical area  
V Tumai

10.07am  
G Hill question re identification, coastal plan  
V Tumai  
T Robinson Mr Milne, boundary line, amended plan  
G Hill

T Robinson question re water bodies, Waikato River catchment, degraded, contradicts / Hamilton lake  
V Tumai

**10.17am** **END**

**QUESTIONS**

T Robinson targets below national line, section 32A, statutory instructions / evidence of others  
V Tumai

10.21am  
G Ryder  
V Tumai

10.22am  
G Hill short term targets, 2030  
T Robinson 20% after  
V Tumai

**10.23am** **MORNING TEA BREAK**  
**10.42am** **RESUMED**

**Kathryn McArthur** Responds to previous questions by panel.

10.46am  
T Robinson Huntly, activities on land, temperature / Mercury counsel, 4 contaminants / temperature limits  
K McArthur

**10.53am**  
**QUESTIONS**

G Ryder urban streams, species protection, heavy metals

K McArthur  
G Hill FNU more specific / monitoring

K McArthur  
G Ryder values sufficiently high

K McArthur  
G Ryder methodology / best available method  
K McArthur

11.01am  
S Tepania values  
K McArthur  
G Ryder ranking model / upstream

K McArthur  
T Robinson in what way  
K McArthur

11.05am  
K Ryder align priority rankings / matters included in PC1  
K McArthur

11.08am  
T Robinson site visit  
K McArthur

11.09am  
G Ryder good examples of approach  
K McArthur

11.11am  
B Morrison how much monitoring / limits, targets  
K McArthur  
G Hill DOC  
K Tumai  
K McArthur

11.12am  
G Ryder E.coli, bands / applying to other attributes / experts / compulsory chlorophyll / value / dissolved oxygen for all catchments  
K McArthur

11.19am  
T Robinson paras 29 and 16, bullets in order of priority / actual rankings / how relate to each other  
K McArthur

11.24am  
S Tepania ranking of cultural values  
K McArthur  
T Robinson para 54 indigenous fish / large impediments / catchments / objective, degradation of water quality / footnote 12  
K McArthur

11.36am  
K Ryder hard bottom streams, WRC  
K McArthur

11.38am  
T Robinson no data, unachievable / Federated Farmers evidence nutrient relations / chlorophyll low, Karapiro / Miracle / nitrogen, phosphorous  
K McArthur

11.50am  
S Tepania legal issue 10 year plan / para 38 happened elsewhere, other plans / para 83, cost or difficulty / cultural

	sampling
K McArthur	
11.56am	
G Ryder	Appendix 3
K McArthur	
<b>11.57am</b>	
<b>Helen Kettles</b>	(PowerPoint)
12.00pm	
T Robinson	how far upstream, estuary Tuakau
H Kettles	
G Ryder	sea grass
H Kettles	
<b>12.06pm</b>	
<b>QUESTIONS</b>	
B Morrison	monitoring issue
H Kettles	
12.07pm	
T Robinson	current measure on estuary
H Kettles	
12.08pm	
G Ryder	last survey of sea grass, 10 years ago / time frame
H Kettles	
<b>12.12pm</b>	
V Tumai	
<b>12.14pm</b>	
<b>Dr Hugh Robertson</b>	(PowerPoint)
12.26pm	
G Hill	expert conferencing
H Robertson	
<b>12.28pm</b>	
<b>QUESTIONS</b>	
G Ryder	80 year targets, nothing short term / nitrogen, phosphorous totals / council monitoring / para 129 meeting targets / changes in hydrology, wetland / target lows
H Robertson	
12.35pm	
S Tepania	wetlands, Waitapu / no conflict issue
H Robertson	
12.37pm	

T Robinson H Robertson	water clarifications / value / paras 94,95 two figures / objective, minimize, avoid / wetlands / loads
12.48pm G Hill H Robertson T Robinson	objective, natural wetland  current values
12.51pm G Ryder T Robinson	clarification
<b>12.52pm</b> <b>1.46pm</b>	<b>LUNCH BREAK</b> <b>RESUMED</b>
<b>Dr Ngaire Phillips</b>	(PowerPoint)
2.08pm S Tepania N Phillips G Hill N Phillips	question re cultural values  continues
<b>2.15pm</b> <b>QUESTIONS</b> Dr Hill N Phillips	
G Ryder N Phillips	legacy loads / paras 65,68 / refers to PowerPoint, short, long term lake water quality targets / reductions
2.24pm T Robinson N Phillips	clarification, geothermal lakes / catchment, map / koi carp removal necessary / each lake, plan
2.32pm B Morrison N Phillips	improvements, extensive planting
2.34pm S Tepania N Phillips	historical sites, para 39
2.35pm G Hill N Phillips	Block B / implementation scope / panel short circuit
<b>2.40pm</b> V Tumai <b>Deborah Kissick</b>	amendments

**2.42pm  
QUESTIONS**

G Hill values retained and expanded  
D Kissick

2.45pm  
T Robinson second guessing / deliberate  
D Kissick

2.47pm  
G Hill community express values / values not in plan, objectives  
D Kissick

2.53pm  
T Robinson MFE guidelines, status / consistent, in the Act / NPS, future outcome / paras 60, 80 expand scope, journey, confined / summary para 96, 2017 before guidance / identifying FNU, valid consideration / Mr Milne, new monitoring points / values generic, difficult identify / special differential, geothermal limited / Regional Plan / process not followed, flawed / beyond or into sea / naturalness, natural character / other way around / wetlands / objective / 10 years, set targets beyond, what cost  
D Kissick  
V Tumei

3.24m  
G Hill future state / 80 years  
D Kissick

T Robinson plan need methods to meet targets  
D Kissick

3.26pm  
S Tepania coastal environment, ? Moana not in / boundaries, vision and strategy, structure / Waitapu, lakes  
D Kissick

3.32pm  
B Morrison targets, objectives, 80 years, issues outside 10 years / targets aspirational  
D Kissick

3.36pm  
G Hill objectives, land use / relate to each other, generic / over's, unders, wording / coastal marine area  
D Kissick

3.45pm  
T Robinson land, freshwater bodies, CMA  
D Kissick

**3.46pm  
4.02pm** **AFTERNOON TEA BREAK  
RESUMED**

**Southern Pastures**  
**Marianne Mackintosh** reading evidence

4.09pm

T Robinson  
M Mackintosh

question re Block 2, land use and discharge, nitrogen

4.19pm

T Robinson  
M Mackintosh

question re past actions, as at today

4.24pm

T Robinson  
M Mackintosh

3 caveats, invalid

**4.25pm**

**Theiland Tahī  
Pearce Watson**

**4.33pm**

**QUESTIONS**

B Morrison  
P Watson

farming north and south islands / nitrogen / dairy, beef

4.36pm

S Tepania  
P Watson

sub catchments

4.37pm

T Robinson  
P Watson

Hawke's Bay / sub catchment PC1

4.38pm

G Hill  
P Watson  
B Morrison  
P Watson

play out in regulatory sense

coastal, PC1 achieve / overseer

**4.42pm**

**Richard Bain**

**5.15pm**

**QUESTIONS**

B Morrison  
R Bain

blocks

**5.18pm**

**Dr Gwyneth Verkerk**

**5.27am**

**QUESTIONS**

G Hill  
G Verkerk

4 contaminants / first step

**5.29pm**  
**Riverheads**  
**Adell Roxburgh**

**5.35pm**  
**QUESTIONS**

B Morrison                      comment

A Roxburgh

G Hill                              approach

A Roxburgh

**5.39pm**  
**Relda Johnson**

**5.45pm**  
**QUESTIONS**

G Hill                              scale, regulations

R Johnson

**5.47pm**                              **ADJOURNED**