

HCC PC5 HEARING  
Day 4 - 30<sup>th</sup> September 2022

David Hill (Chair), Ewan Wilson, Vicki Morrison-Shaw, Nigel Mark-Brown

9.00am

D Hill

9.01am

Mangakotukutuku Stream Care Group

Dr Kevin Collier

9.09am

D Hill

involved in ICMP, seen final version, implementation is the key

Dr Kevin Collier

9.15am

D Hill

clarify what is it objective 13 not there, identification, removed, your groups' words not section 42

Dr Kevin Collier

9.16am

QUESTIONS

N Mark Brown

consultation ICMP, much discussion you had with writers, maximising infiltration of storm water  
Infiltration used to extent possible, scientific knowledge reasonable approach

Dr Kevin Collier

9.18 am

V Morrison Shaw

para 5.4, just best practice missing from list  
Process envisaging agreed, how would it work

Dr Kevin Collier

9.20am

D Hill

preference 'identify' be removed, process you think should occur

Dr Kevin Collier

9.22am

Bike Waikato

Richard Porter

9.39am

QUESTIONS

D Hill

any specific objectives Bike Waikato want

Richard Porter

9.42am

Troy Radovancich (& Victoria Collins)

9.46am

D Hill

flexibility on site information and testing, 106

Richard Porter

9.50am  
NO QUESTIONS

9.51am MORNING BREAK  
10.01am RESUMED

Department of Conservation - Legal - Michelle Hooper

10.07am  
D Hill MPS, it will be a lot more clear  
Michelle Hooper

10.08am  
V Morrison Shaw what weight give to draft IPS  
Michelle Hooper

10.10am  
V Morrison Shaw whole area significant habitat  
Michelle Hooper  
D Hill  
Michelle Hooper continues (Refers to PowerPoint)

10.17am  
D Hill how do we determine the corridors, somebody has to before we can move foreword  
Mr Kessels stressed 50m minimum, beyond 50m needs to be determined  
have to be clear in the plan  
Michelle Hooper

10.26am  
D Hill not at all persuaded model as certainty, robust adaptive management  
Michelle Hooper

10.36am  
D Hill discussion on sanctuary proposed for these species  
Michelle Hooper

10.37am  
V Morrison Shaw certainty, base line information, have we got enough information  
Michelle Hooper  
D Hill not quite the same test  
Michelle Hooper

10.40am  
V Morrison Shaw cat ban included, Council not the ability to enforce it  
not seeking a rule, assessment criteria  
Michelle Hooper  
D Hill liability, cat killed by eating bait  
Michelle Hooper

10.45am

V Morrison Shaw  
Michelle Hooper  
D Hill

model, legal submission para 22, difference of opinion between experts

not quantum restoration, pest control, means of achieving numbers in time-frame  
what needs to be done, proposed inside Peacocke, Dr Flynn, external not now, inside Peacocke  
inadequate

prove a process in which enlarged, activity over next 10-15 years, what effects will be  
how much uncertainty to live with now

Michelle Hooper

10.50am

Dr Kerry Borkin (Lighting-Bats) PowerPoint

10.52am

D Hill  
Dr Kerry Borkin

how often is threat status involved

10.55am

V Morrison Shaw  
Dr Kerry Borkin

when bats killed in area

10.58am

D Hill  
Dr Kerry Borkin

over what period of time, control

11.01am

D Hill  
  
Dr Kerry Borkin

what area size is required for sustaining size  
what is stable population, male skewed  
Sandford Park, roost trees, noise, bats not entirely immune, bat boxes occupied

11.12pm

V Morrison Shaw  
D Hill  
Dr Kerry Borkin

habitat remains as it, planting of trees, everything remains equal  
street lighting too

11.13am

QUESTIONS

N Mark Brown  
Dr Kerry Borkin

cat predation, mechanism, climb up tree, lurk about

11.15am

D Hill  
  
Dr Kerry Borkin

collective noun for bats in a roost, typical roost size, colonies  
normal, male and female, like seals  
no baseline, don't know enough about bats

11.17am

V Morrison Shaw

any idea of split, bats greatest threat  
bats faithful, swap roost trees

Dr Kerry Borkin first leave roost, water to drink, what water body looking for, gullies  
D Hill drink on fly  
Dr Kerry Borkin

11.21am  
E Wilson understand functional habitat, how continue to measure, activity between sites  
Dr Kerry Borkin

11.24am  
V Morrison Shaw enough information determine effect on bats  
Dr Kerry Borkin  
D Hill reference sites, habitats

11.25am  
Ms Moira Pryde (Bat and Bat Habitat) Powerpoint

11.31am  
V Morrison Shaw one pup a year, gestation period, when adult, independent  
Ms Moira Pryde  
D Hill are adult female bats always capable of getting pregnant  
7.9, number quite high  
Ms Moira Pryde

11.35am  
D Hill has survey been conducted south, Waipa  
Ms Moira Pryde

11.39am  
D Hill no idea what number of bats, what proportion are female  
Ms Moira Pryde

11.41am  
V Morrison Shaw 60 in this area, total estimation in the country  
Ms Moira Pryde  
Dr Kerry Borkin

11.44am  
D Hill curious how you get to second, open water  
Ms Moira Pryde

11.49am  
D Hill Mr Kessels, negotiation, not an issue for you  
Ms Moira Pryde

11.53am  
D Hill additional habitat, additional area, high habitat not sufficient  
Ms Moira Pryde

11.56am

**QUESTIONS**

E Wilson

light sensitivity, cats jumping up grabbing bats, moths attracted to light

Ms Moira Pryde

12.00pm

V Morrison Shaw

car lights turning, roads have barriers, what size to be effective

Ms Moira Pryde

12.01pm

D Hill

main north/south road parallels stem of gully, entire length be barriered

Ms Moira Pryde

12.02pm

N Mark Brown

maternity roosts, identify each one through route, or nominated areas  
addition habitat, proposed constructed habitat  
how far away you are, list, quite a difference

Ms Moira Pryde

12.06pm

Dr Ilse Corkery (Biodiversity) Powerpoint

12.24pm

**QUESTIONS**

N Mark Brown

summary table, limits, why nett gain is not possible

Dr Ilse Corkery

D Hill

is that because compensation is monetary

12.25pm

Ms Susan Mander (Lighting Engineer)

12.36pm

D Hill

is the difference not significant, real world terms, off-shore guidelines  
Assumption applying guideline, visual, our bats compared to European  
Difference, 2700, not matter, how is impact measured, incremental increases in blue wave

Dr Kerry Borkin

Ms Susan Mander

12.40pm

V Morrison Shaw

one minute, international guidelines

Ms Susan Mander

12.40pm

**QUESTIONS**

D Hill

not gone through ILP, any cautions reading for NZ purposes  
not identified anything that raises concerns  
would we know the difference 3,700-3,000

Ms Susan Mander

12.43pm

N Mark Brown

Mr McKenzie, not practical, recommendations

Ms Susan Mander

12.44pm

D Hill

controls on signage facing bat protection areas, digital sign board  
main north/south corridor, signage

Ms Susan Mander

12.45pm

LUNCH BREAK

1.21pm

RESUMED

D Hill

1.23pm

Mr Jesse Gooding (Planning)

1.32pm

D Hill

section 42A and cat ban, shadow 50m, umbrella 50m  
anything particular adding in  
enable things to move forward

Mr Jesse Gooding

1.40pm

L Muldowney

1.45pm

Dr Matthew Baber, Dr Hannah Mueller, Gerry Kessels

L Muldowney

1.57am

D Hill

linked two ideas, feasible and likely to succeed, certainty and tangible

Dr M Baber

D Hill

set sessions for success

Dr M Baber

2.05pm

L Muldowney

Dr Hannah Mueller

2.09pm

D Hill

transit purpose, rest provides functional

Dr Hannah Mueller

2.09pm

L Muldowney

G Kessels

2.12pm

D Hill

Dr Kerry Borkin

G Kessels

2.13pm

Dr Ilse Corkery

2.14pm

Ms Moira Pryde

2.15pm

D Hill

Michelle Hooper

D Hill

treat corridors as transit, works backward

2.17pm

Kevin & Kathy Sanders

Geoff Smith (Interpreter)

2.27pm

ADJOURNED