

# Post Operational Report for an Aerial 1080 Operation

## Operation Management

**Operation Name** Pahau Downs Road Rabbit Control

**Size (ha)** 560.00

**Report Submitted By (Organisation)** Excell Corporation

**Date Submitted (dd/mm/yy)**

**Funding Agency** Private

**Vector Manager/Operation Manager** Excell Biosecurity Supervisor Amuri

**Principal Aerial Contractor** Excell Biosecurity

**Purpose of the Operation** Rabbit Control

Describe the longer term 'end state' for the treatment area or identify which species are being supported by this operation.

Individual Aerial Treatment Blocks	Individual Treatment Block Name	Size of Treated Area (Ha)
	Pahau Downs Road	560

	North Island	South Island
<b>Territorial Local Authority(s)</b>		Hurunui District Council

**Regional Authority (Regional Council)** Environment Canterbury

## Permissions, Consultation & Notification

### PERMISSIONS / RESOURCE CONSENTS

Permission Authority	Issue date (dd/mm/yy)	Unit/ Office	File reference
MOH	Not required.		
DOC	n/a		
Regional Council	11/07/08	Consents Operations	CRC084745

### CONSULTATION AND NOTIFICATION TIMELINE

*Summarise the approach taken in consultation and notification. Repeat for each communication*

<== If you need to add more activities, right click here and select 'insert' from the drop down list

Date (dd/mm/yy)	Stakeholder Group	Activity	Method/Tool
20-Jun-08	Landowner-consent	Meeting/Hui	Ecan Co Ordinated meeting adjacent occupiers
28-Jun-08	Community information	Public Notice	The Press
11-Jul-08	Education	Facts Pack and/or pamphlets	
11-Jul-08	Medical	Facts Pack and/or pamphlets	
11-Jul-08	Animal care	Facts Pack and/or pamphlets	Veterinary clinics in the area
11-Jul-08	Police	Facts Pack and/or pamphlets	
11-Jul-08	Hunting	Facts Pack and/or pamphlets	Canterbury Pet Foods
9-Jul-08	Community information	Public Notice	Local news letters, HS Village News, The Peril, The Citizen
20-Jul-08	Landowner-adjoining	Phone Call	Advising of operation.
21-Jul-08	Police	Phone Call	notification of bait application

#### DESCRIBE WHAT DIFFERENCES THE CONSULTATION MADE TO THE OPERATIONAL PLAN

No Change

## Complaints and Incidents

### COMPLAINTS REPORTED BY MEMBERS OF THE PUBLIC

Where there any complaints about this operation?

No

### INCIDENTS

Were there any incidents resulting from this operation? No

# Treatment Block Details

**TREATMENT BLOCK 1 (Name)** Pahau Downs Road

**Block Size (Ha)** 560

## PRE- FEED APPLICATION

	Day 1	Day 2	Day 3
<b>Date(s) of Application (dd/mm/yy)</b>	9/07/08	15/07/08	

**Type of bait** Carrot Baits

**Sowing Rate** 25 kg bait /Ha

## 1080 APPLICATION

	Day 1	Day 2	Day 3
<b>Date(s)(dd/mm/yy)</b>	21/07/08		

**Type of bait** 1080 Solution (mixed with carrot) -Soluble concentrate containing 200 g sodium fluoroacetate/litre

**Common Name of bait** 1080 Solution (mixed with carrot)

**Target Toxic loading(g 1080/kg bait)** 0,2g/kg%

**Sowing Rate** 25 kg bait /Ha

**Lures added** nil

**Repellents added** nil

**Bait Screening (name)** nil

**Cutting Machinery (name)** Gibson

**Was bait quality sampling undertaken?** Yes

**Results of Sample(g 1080/kg bait )** not tested

**Results of Sample(Mean bait size)** n/a

**Results of Sample(Chaff%)** n/a

**Average Wind Speed (km/hr)** 1 to 6

**Wind Direction** West

**Aircraft type** Fixed Wing

**Type of Navigational Guidance system used** Trimble 4

**End of Caution Period (dd/mm/yy)** 21/12/08

# Monitoring Results and Outcomes

## EFFECTS OF THE OPERATION ON WATER QUALITY

Was water quality monitoring *required* to be undertaken? No

Was water quality monitoring undertaken? No

Did any of the results detect 1080 at more than 2ppb? No

Date data will be available (dd/mm/yy) (if not included)

Effect of the operation for water quality (comment)

## EFFECTS ON SPECIES TARGETED FOR THE OPERATION

### Target Species

List target animal pest species at the treatment area. Use common names where possible.

Common Name	Scientific Name (if no common name)
rabbit	

Was target species monitoring undertaken? No

Are the target species monitoring results attached?

Date data will be available (dd/mm/yy) (if not included)

Effectiveness of the operation for species monitored (comment)

Formal monitoring not required or undertaken. Visual inspection of the area following the operation indicates good success over area of control with rabbits reduced to level 1-2 on the modified Mclean Scale.

## EFFECTS ON SPECIES TO BENEFIT FROM THE OPERATION

### Species to Benefit from the Operation

List the species at risk that prompted the control work. Use common names where possible.

Common Name	Scientific Name (if no common name)
Domestic Stock	

Was monitoring of species to benefit undertaken? No

Are the target species monitoring results attached?

Date data will be available (dd/mm/yy) (if not included)

Effectiveness of the operation for species monitored (comment)

**EFFECTS OF THE OPERATION ON THREATENED SPECIES**

**List of identified threatened species present**

List threatened species at the treatment area according to Molloy et al 2002. Use common names where possible. If Non-target species have not been identified - state **NOT IDENTIFIED**

Common Name	Scientific Name (if no common name)
not identified	

Was threatened species monitoring undertaken? No

Are threatened species monitoring results attached?

Date data will be available (dd/mm/yy) (if not included)

**Effectiveness of the operation for species monitored**  
(comment)

Visual inspections post operation, indicate an excellent result with rabbits being reduced to level 1-2 on the modified Mclean Scale.

**EFFECTS OF THE OPERATION ON NON-TARGET SPECIES**

**List of identified non-target species**

List ALL significant species identified as potentially at risk from the control method (including threatened and non-threatened). Use common names where possible. If Non-target species have not been identified - state **NOT IDENTIFIED**

Common Name	Scientific Name (if no common name)
not identified	

Was non- target species monitoring undertaken? No

Are non-target species monitoring results attached?

Date data will be available (dd/mm/yy) (if not included)

**Effectiveness of the operation for species monitored**  
(comment)

**MONITORING OF KEY SPECIES FOR MAORI**

**List of identified taonga species for Maori**

List key species identified by maori during operational consultation as being of concern for the control method. Use common names where possible. If species have not been identified as Taonga during consultation - state **NOT IDENTIFIED**

Common Name	Maori name
not identified	

Was Taonga Species monitoring undertaken? No

Are Taonga species monitoring results attached?

Date data will be available (dd/mm/yy) (if not included)

**Effect of the operation on species monitored** (comment)