

# Post Operational Report for an Aerial 1080 Operation

## Operation Management

**Operation Name**  *Name of operation - as per MOH Permission*

**Size (ha)**

**Report Submitted By (Organisation)**  *Organisation that is submitting this report (specify branch or office)*

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

**Funding Agency**

**Operation Manager**  *Organisation or branch of the organisation which managed the operation*

**Principal Aerial Contractor**  *Organisation contracted to manage and/or run aerial phase of the operation*

**Purpose of the Operation**

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

The operation is being carried out for Tb control - to prevent the spread of bovine tuberculosis.

Individual Aerial Treatment Blocks	Individual Treatment Block Name	Size of Treated Area (Ha)
	Kowhai Swyncombe Stratum 14	4,751

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

**Regional Authority (Regional Council)**

# Permissions, Consultation & Notification

## PERMISSIONS / RESOURCE CONSENTS

Permission Authority	Issue date (dd/mm/yy)	Unit/ Office	File reference
MOH	27.02.08	Community & Public Health Chch	2008VTA-161
DOC	21.02.08	Nelson/Marlborough Conservancy	File ref NHT-02-04-04
Regional Council	06.05.08	Environment Canterbury	CO6C/28294

## CONSULTATION AND NOTIFICATION TIMELINE

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

Date (dd/mm/yy)	Stakeholder Group	Activity
Oct-05	AHB	Meeting/Hui
Nov-05	Ngai Tahu	Meeting/Hui
Dec-05	Landowner	Letter
Jan-06		OTHER
Jan-06	AHB	Email
Feb-06	Kaikoura Pest Management	Meeting/Hui
Mar-06		OTHER
May-06	Landowner/Target Pest	Phone Call
Jul-06		Working Group
Nov-06	AHB	Meeting/Hui
Dec-06		OTHER
Jan-06	DOC	Meeting/Hui
Feb-06	Landowners	Meeting/Hui
Mar-07		Meeting/Hui
Apr-07	AHB	Meeting/Hui
Jun-07	Landowner	Meeting/Hui
Jul-07	Landowner	Facts Pack and/or pamphlets
06.07.2007	Landowner	Mailout and hand delivery
Aug-07	Landowner	Meeting/Hui
Sep-07	Landowner	Facts Pack and/or pamphlets
10.09.07	DOC	Meeting/Hui
4.10.2007	Ngai Tahu	OTHER
11.10.2007		Letter
15.10.2007	Runanga	Phone Call
12.12.07	Landowner-consent	Meeting/Hui
18.12.07	Landowner-consent	Meeting/Hui
19.12.07	Landowner-consent	Meeting/Hui
31.12.07	DOC	Phone Call
06.01.08	Landowner-adjoning	Phone Call
07.01.08	Landowner-adjoning	Phone Call
20.01.08	Landowner-adjoning	Phone Call
04.02.08	Landowner-adjoning	Phone Call
05.02.2008	Landowner	Letter
08.02.08	Landowner-adjoning	Phone Call

08.02.08	Local government	Phone Call
09.02.08	Landowner-adjoining	Phone Call
11.02.08	DOC	Phone Call
12.02.08	Landowner-adjoining	Phone Call
12.02.08	Medical	Email
12.02.08	Local government	Phone Call
13.02.08	Iwi and landowner-consent	Phone Call
13.02.08	Landowner-adjoining	Phone Call
15.02.08	Landowner-adjoining	Phone Call
21.02.08	Local government	Phone Call
21.02.08	Local government	Phone Call
22.02.08	DOC	Phone Call
29.02.08	Iwi and landowner-consent	Email
05.03.08	Iwi and landowner-consent	Email
09.03.08	Iwi and landowner-consent	
09.03.08	Local government	
11.03.08	Iwi and landowner-consent	
11.03.08	Local government	
13.03.08	Iwi and landowner-consent	
14.03.08	Iwi and landowner-consent	
17.03.08	Iwi and landowner-consent	
25.03.08	Iwi and landowner-consent	
12.04.08	Landowner-adjoining	
23.04.08	Landowner	
01.05.08	Landowner	
05.05.08	Landowner-adjoining	
05.05.08	Other	
07.05.08	Other	
08.05.08	Landowner	
09.05.08	Landowner	
09.05.08	Other	
09.05.08	Other	
09.05.08	Local government	
09.05.08	DOC	
10.05.08	Landowner-adjoining	Phone Call
19.05.08	Landowner	Meeting/Hui
24.05.08	Landowner	Meeting/Hui
24.05.08	Landowner-adjoining	Meeting/Hui
24.05.08	Landowner-adjoining	Meeting/Hui
25.05.08	Landowner-adjoining	Meeting/Hui
25.05.08	Landowner	Phone Call
25.05.08	DOC	Email
25.05.08	Iwi	Phone Call
25.05.08	Police	Phone Call
25.05.08	Local government	Phone Call

25.05.08	Medical	Email
25.05.08	Landowner	Meeting/Hui
25.05.05	Landowner-adjoining	Meeting/Hui
25.05.08	Community information	OTHER
25.05.08	Police	Meeting/Hui
25.05.08	Landowner	Meeting/Hui
25.05.08	Landowner	Meeting/Hui
27.05.08	Landowner	Meeting/Hui
28.05.08	Landowner	Phone Call
02.07.08	Animal care	OTHER
03.07.08	Landowner	Meeting/Hui
27.08.08	DOC	Email
28.08.08	Landowner	Phone Call
29.08.08	Iwi	Email
29.08.08	DOC	Email
29.08.08	Medical	Email
29.08.08	Local government	Phone Call
30.08.08	Local government	Email
31.08.08	Landowner	Meeting/Hui
01.09.09	Landowner	Phone Call
13.09.08	Landowner	Phone Call
26.09.08	Landowner	Phone Call
15.10.08	Other	Other
11.10.07	Local government	Facts Pack and/or pamphlets
11.10.07	Animal care	Facts Pack and/or pamphlets
11.10.07	Education	facts Pack and/or pamphlets
11.10.07	Conservation interest group	Facts Pack and/or pamphlets
11.10.07	Fish and Game	Facts Pack and/or pamphlets
11.10.07	Education	Facts Pack and/or pamphlets
11.10.07	Medical	Facts Pack and/or pamphlets
11.10.07	Iwi	Facts Pack and/or pamphlets
01.03.08	Local government	OTHER
27.03.08	Landowner	Letter
14.05.08	Other	Letter
13.06.08	Medical	Letter

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

No changes made

# Complaints and Incidents

## COMPLAINTS REPORTED BY MEMBERS OF THE PUBLIC

Were there any complaints about this operation?

No

## INCIDENTS

Were there any incidents resulting from this operation? No

# Treatment Block Details

**TREATMENT BLOCK 1 (Name)**

Kowhai Swyncombe Stratum 14

**Block Size (Ha)**

4751

## PRE- FEED APPLICATION

	Day 1	Day 2	Day 3
Date(s) of Application (dd/mm/yy)	13.07.08		

**Type of bait**

Cereal Baits

**Sowing Rate**

1

kg bait /Ha

## 1080 APPLICATION

	Day 1	Day 2	Day 3
Date(s)(dd/mm/yy)	30.08.08	31.08.08	

**Type of bait**

0.15% 1080 Pellets - Cereal-based pellets containing 1.5–2.0 g sodium fluoroacetate/kg

**Common Name of bait**

0.15% 1080 Pellets

**Target Toxic loading(g 1080/kg bait)**

1.5

**Sowing Rate**

2

kg bait /Ha

**Lures added**

Cinnamon

**Repellents added**

None

**Bait Screening (name)**

Screened at manufacture

**Cutting Machinery (name)**

ACP Factory, Waimate

**Was bait quality sampling undertaken?**

No

**Results of Sample(g 1080/kg bait)**

N/A

**Results of Sample(Mean bait size)**

8 grs

**Results of Sample(Chaff %)**

N/A

**Average Wind Speed (km/hr)**

1 to 6

**Wind Direction**

South

**Aircraft type**

Helicopter

**Type of Navigational Guidance system used**

Satloc M3 GPS

**End of Caution Period (dd/mm/yy)**

02.02.2009

# 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

## 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)
Possums	Trichosurus Vulpecula

Was target species monitoring undertaken? Yes

Effectiveness of the operation for species monitored (*comment*) RTC 0.59% - passed target

## 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)
Cattle	
Deer	

Was monitoring of species to benefit undertaken? No

**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. I

Common Name	Scientific Name (if no common name)
Not Identified	

**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.

Common Name	Scientific Name (if no common name)
Silver Eye	Zosterops Lateralis
Brown Creeper	Mohoua Novaeseelandiae
Pipit	Anthus Novaeseelandiae
Giant Weta's	Deinacrida Carinata
Kaikoura Weta	Deinacrida Rugosa
Bluff Weta	Deinacrida
Wairiuia Snails	Wainuia Urnula
Speargrass Weevil	Lyperobius Huttoni
Common Skink	Oligosoma Nigriplantare
Black Eye Gecko	Hoplodactylus Kahutarae
Common & Rough Gecko	Hoplodactylus Maculatus & Naulynus
Kaikoura Gecko	Haplodactylus Kahutarae
Falcon	Novaseelandiae
Robin	Petroica Australis
Tomtit	Petroica Macrocephala
Bellbird	Anthornis Melanura
Fantail	Rhipidura Fuliginosa
Grey Warbler	Gerygone Igata

Was non- target species monitoring undertaken? No

**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.

Common Name	Maori name
N/A	



1

2

3

