

Christchurch International Airport Wildlife Control



CIAL Wildlife Hazard Management Overview

CIAL have a dedicated Wildlife team of three

- Wildlife Manager and two Wildlife officers' who rotate over a 4 on 4 off shift.
- Airport Fire Service staff are available to cover Wildlife duties where/when required.

WHM covers 2 areas. **On Airport** and **Off Airport**

CIAL Wildlife Hazard Management

On Airport: (activity within the confines of the Airport perimeter fence)

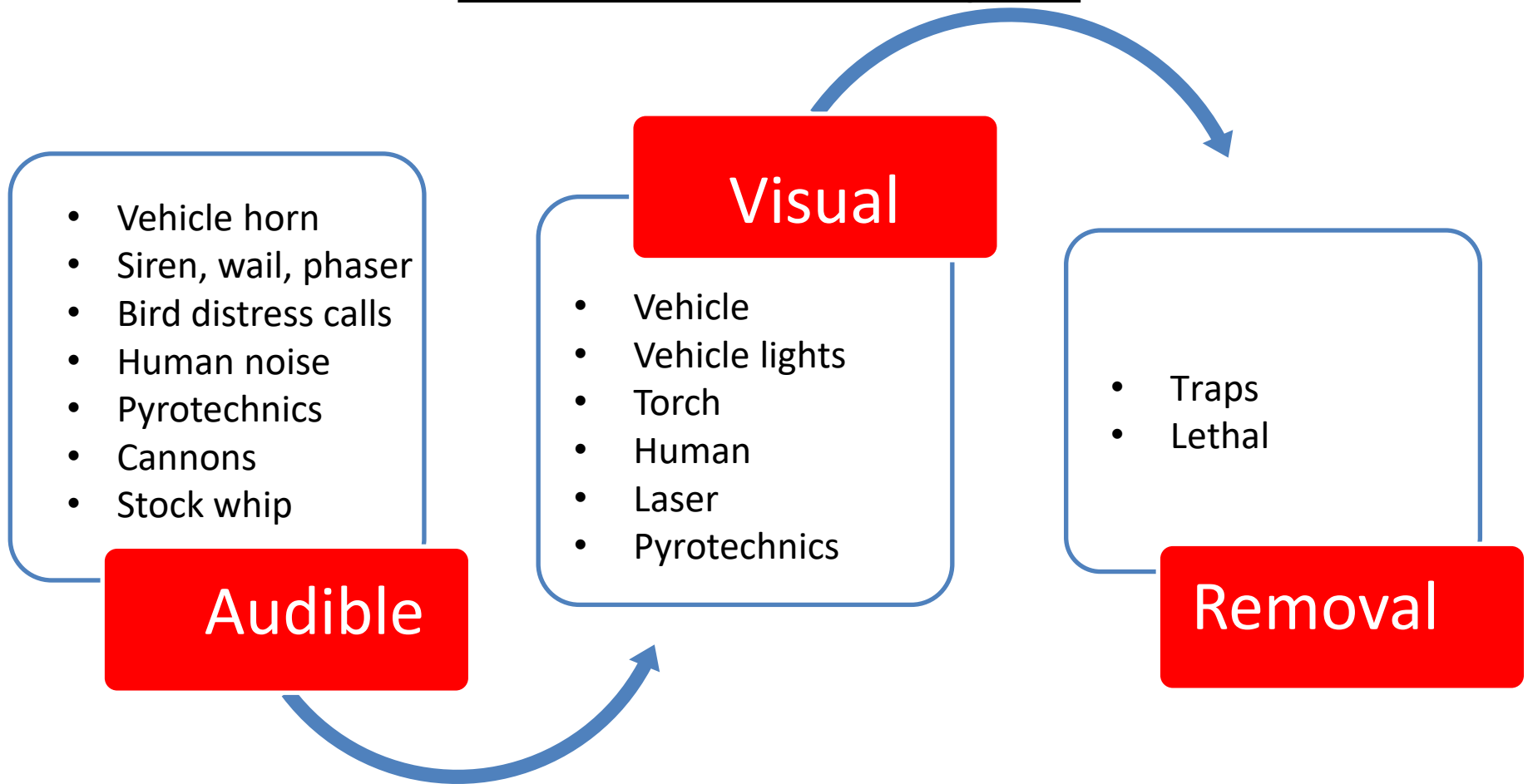
- Deter hazardous bird presence in operational areas and encourage them to alternative sites
- Target high and moderate risk species
- Target mammals on and around airfield with monthly night control (a minimum)
- Data collection

CIAL Wildlife Hazard Management

On Airport (continued):

- Daily surveys
- Record all activities undertaken
- Manage short/med/long term strategies for management of wildlife issues
- Ensure safety and compliance within the wildlife management scope on airfield

Tools and Techniques



Active Tools



Live Capture



CIAL Wildlife Hazard Management

Off Airport: activity within the confines of the Airport perimeter fence – 13km radius.

Planning

- Planning Rules
- Early Engagement with Landowners
- Support for Landowners
- Encouraging Collaboration

CIAL Wildlife Hazard Management

Planning – Rules in Place

- **Bird strike risk activities** between 8 km and 13 km of Christchurch Airport's runway are allowed, but they must have a bird strike management plan made with CIAL.
- **Bird strike risk activities** within 8 km of the runway are allowed with restrictions. The total size of nearby waterbodies must not be more than 1,000 m². CIAL must be informed of any new proposals.
- **Waste management facilities** are not allowed within 13 km of the Christchurch Airport runway.

CIAL Wildlife Hazard Management

Off Airport: (continued)

Monitoring

- Monthly surveys
- High risk species
- Data Sharing

Control

- Engagement with stakeholders
- 3 high risk species - Canada Goose, Southern Black-backed gull and Feral Pigeon

Collaboration

CIAL/Air NZ monthly scheduled meetings

- Discussion on wildlife activities
- Shared data strike/near strike

June 2020 Drill seeding operation

- Increased bird activity west of RWay 02/20 which resulted in an immediate spike of strike/near strike reports

New Zealand Aviation Wildlife Hazard Group. [NZAWHG](#)

- Aviation industry All stakeholder representation
- CIAL co chair
- Collaboration with CAA and NZAA

Timaru Airport SBBG issue

- CIAL Wildlife Manager spent the day on site to understand issue and provide guidance
- On going collaboration with Timaru Airport team

Hawkes Bay Airport SBBG issue

- CIAL Wildlife Manager spent the day on site to understand issue and provide guidance
- On going collaboration with Timaru Airport team

External Partnership

Environment Canterbury (Ecan)/Christchurch City Council (CCC) - Canada Goose control

- Annual control in early January

ECan – Southern Black-backed gull (SBBG) control

- Annual control October to January
- Waimakariri River Control and Monitoring Plan for SBBG final draft July 2024

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[IVM Group](#) specialist vegetation management consultancy firm that provides cutting edge management techniques and services for natural and built environments

Common CIAL wildlife



Reporting

BIRDTab (Scarecrow)



- Tablet with a GPS satellite navigation unit with touchscreen control
- Bird dispersal function that broadcasts natural bird distress calls via loudspeakers attached to the vehicle
- Data Logging/ Analysis and Reporting functions
- [Wildlife Incident Reporting](#)
- [WI Dashboard](#)
- [CiAnywhere](#)



christchurchairport.co.nz