

Waikato Regional Pest Management Plan 2014-2024

Appendix 3: Section 8 Proposed National Policy
Direction for Pest Management Plans and Programmes
on proposed funding of costs of pest and pathway
management plans

This document is council's response to section 8 of the Proposed National Policy Direction for Pest Management Plans and Programmes. As of September 2013, the Ministry for Primary Industries is considering submissions on the proposed national policy direction. Waikato Regional Council has prepared its RPMP with the intent of the national policy direction in mind. When the national policy direction is finalised, the council will have a period of time to determine whether the RPMP is inconsistent with it.

Waikato Regional Council has summarised the section 8 information below. However, the process of gathering and evaluating relevant information extends well beyond this summary. For example, the council received submissions on a 'discussion document' that was useful in shaping decisions associated with pests in this RPMP.

Waikato Regional Council has determined that achieving the purpose and objectives of this plan benefits land occupiers collectively and is a 'public good' (that is, the regional community generally benefits from the implementation of the plan). The council has concluded that making land occupiers responsible for the control of most pests (by requiring compliance with RPMP rules) is the fairest and most practical way to allocate costs. The regionally collected biosecurity rate based on capital value funds compliance with those rules, with costs recovered from landowners wherever appropriate.

Pests that are considered very high threat or unusually difficult to control are often managed directly by the council (i.e., direct control) and are funded through the regional biosecurity rate. Council considered this the fairest and most practical approach.

Section 8 of the proposed national policy direction requires the council to identify all significant exacerbators and beneficiaries for each pest in the plan; and to then analyse groups of exacerbators and beneficiaries separately. However, a great many exacerbators and beneficiaries are common to multiple pests. The following table and the associated notes document the council's process under section 8 in an efficient way without unnecessary duplication.

Pest	Type of management programme	Exacerbators by group National policy direction section 8(a) and (b)	Beneficiaries by group National policy direction section 8(a) and (b)	Assess each group's ability to change behaviour to reduce costs of control National policy direction section 8(c) (i)	Assess each group's ability to change behaviour to reduce risks that create need for control National policy direction section 8(c) (i)	Assess each group's ability to determine whether the benefits of pest control outweigh the costs National policy direction section 8(c) (ii)	Assess each group's ability to determine whether pest control is being delivered most cost-effectively National policy direction section 8(c) (iii)	Proposer must assess how costs can be allocated fairly and practically National policy direction section 8(d)	Documentation of compliance and any other factors National policy direction section 8(e)
African feather grass	Eradication	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers • Regional land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community • Crown • Any owner of infested property 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Alligator weed	Progressive containment	<ul style="list-style-type: none"> • Any owner of infested property • Non-compliant land occupiers • Land developers • Earth-moving contractors • Waterway users (recreational and commercial) 	<ul style="list-style-type: none"> • The Crown • Regional community • Any owner of infested property • Land developers • Earth-moving contractors 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Australian sedge	Sustained control	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Banana passionfruit	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Bat-wing passion flower	Exclusion	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Boneseed	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Broom	Sustained control	<ul style="list-style-type: none"> Regional land occupiers Rural landowners The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Broom corn millet	Exclusion	<ul style="list-style-type: none"> Regional land occupiers Rural land owners The Crown Non-compliant land occupiers. 	<ul style="list-style-type: none"> The Crown Regional community Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Bushy asparagus	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

California bulrush	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Cathedral bells	Eradication	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Chilean flame creeper	Eradication	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Chocolate vine	Progressive containment	<ul style="list-style-type: none"> Regional community The Crown 	<ul style="list-style-type: none"> Regional land occupiers The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Climbing asparagus	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Climbing spindleberry	Progressive containment	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Darwin's barberry	Progressive containment	<ul style="list-style-type: none"> Crown Rural landowners Plantation forest owners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Plantation forest owners Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Evergreen buckthorn	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Freshwater eel grass	Exclusion	<ul style="list-style-type: none"> Regional land occupiers Rural landowners The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Fringed water lily	Exclusion	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Giant gunnera	Progressive containment	<ul style="list-style-type: none"> Regional community The Crown 	<ul style="list-style-type: none"> Regional land occupiers The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Gorse	Sustained control	<ul style="list-style-type: none"> Regional land occupiers Rural landowners The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Grey willow	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Horse nettle	Eradication	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Horsetail	Exclusion	<ul style="list-style-type: none"> • Regional land occupiers • Rural landowners • The Crown • Non-compliant land occupiers. • Land developers • Earth-moving contractors 	<ul style="list-style-type: none"> • The Crown • Regional community • Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Hydrilla	Exclusion	<ul style="list-style-type: none"> • Regional land occupiers • Rural landowners • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • The Crown • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Japanese cherry	Site-led	<ul style="list-style-type: none"> • Nursery trade • Regional land occupiers • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Japanese knotweed	Eradication	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers • Land developers • Earth-moving contractors 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Japanese walnut	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown 	<ul style="list-style-type: none"> Regional land occupiers The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Kudzu vine	Exclusion	<ul style="list-style-type: none"> Regional land occupiers Rural landowners The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Lantana	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community Complainants Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Manchurian wild rice	Eradication	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers Earth-moving contractors 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Marshwort	Exclusion	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Mexican devil	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers Rural landowners The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> The Crown Regional community Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Mexican water lily	Exclusion	<ul style="list-style-type: none"> Regional community The Crown 	<ul style="list-style-type: none"> Regional land occupiers The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Mignonette vine	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Mile-a-minute	Eradication	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Mistflower	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Moth plant	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community Complainants 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Nassella tussock	Eradication	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Nodding thistle	Sustained control	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Noogoora bur	Eradication	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Old man's beard	Progressive containment	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Pampas	Progressive containment	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers • Regional land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
<i>Phytophthora</i> taxon Agathis (PTA)	Site led	<ul style="list-style-type: none"> • Anyone who knowingly moves or communicates PTA 	<ul style="list-style-type: none"> • Auckland Council • The Crown • Regional Community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Contorta pine	Progressive containment	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers • Regional land occupiers • Plantation forest owners 	<ul style="list-style-type: none"> • Agricultural producers • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Privet	Sustained control	<ul style="list-style-type: none"> • Regional land occupiers • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • Complainants 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Purple loosestrife	Eradication	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Purple nutsedge/ nutgrass	Sustained control	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Ragwort	Sustained control	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Reed sweetgrass	Site-led	<ul style="list-style-type: none"> • Regional land occupiers • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Royal fern	Site-led	<ul style="list-style-type: none"> • Regional land occupiers • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Rhododendron ponticum	Eradication	<ul style="list-style-type: none"> • Regional community • The Crown 	<ul style="list-style-type: none"> • Regional land occupiers • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Sagittaria	Eradication	<ul style="list-style-type: none"> • Regional community • The Crown 	<ul style="list-style-type: none"> • Regional land occupiers • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Saltwater paspalum	Site-led	<ul style="list-style-type: none"> • Regional community • The Crown 	<ul style="list-style-type: none"> • Regional land occupiers • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Sea spurge	Eradication	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Senegal tea	Eradication	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Spartina	Eradication	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Strawberry dogwood	Site-led	<ul style="list-style-type: none"> Regional community The Crown 	<ul style="list-style-type: none"> Regional land occupiers The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Tutsan	Progressive containment	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Variegated thistle	Eradication	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Velvet leaf	Progressive containment	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Water poppy	Eradication	<ul style="list-style-type: none"> • Regional land occupiers • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
White bryony	Eradication	<ul style="list-style-type: none"> • Regional land occupiers • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Wild ginger	Progressive containment	<ul style="list-style-type: none"> • Regional land occupiers • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Wild kiwifruit	Site-led	<ul style="list-style-type: none"> • Regional land occupiers • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • Kiwifruit industry • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Wilding conifers	Site-led	<ul style="list-style-type: none"> • Crown • Rural landowners • Plantation forest owners • Non-compliant land occupiers • Regional land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Woolly nightshade	Progressive containment	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community • Complainants 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Yellow flag iris	Site-led	<ul style="list-style-type: none"> • Regional land occupiers • The Crown • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Argentine ant	Advisory	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers The Crown 	<ul style="list-style-type: none"> Regional community Complainants The Crown Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Asian paper wasp	Site-led	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers Crown Rural landowners 	<ul style="list-style-type: none"> Regional community Complainants Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Australian paper wasp	Site-led	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers Crown Rural landowners 	<ul style="list-style-type: none"> Regional community Complainants Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Brown bullhead catfish	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Canada goose	Advisory	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Common wasp	Site-led	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Dama wallaby	Progressive containment	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers 	<ul style="list-style-type: none"> • Agricultural producers • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Darwin's ant	Advisory	<ul style="list-style-type: none"> • Regional land occupiers • Non-compliant land occupiers • Container terminals 	<ul style="list-style-type: none"> • Regional community • Complainants • Agricultural producers • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Feral cat	Site-led	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers • Anyone who releases cats to the wild 	<ul style="list-style-type: none"> • Agricultural producers • Regional community • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Feral goat	Site-led Eradication (Hunua Ranges)	<ul style="list-style-type: none"> • Crown • Rural landowners • Non-compliant land occupiers • Anyone who releases goats to the wild 	<ul style="list-style-type: none"> • Agricultural producers • Regional community • Complainants • The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Feral pig	Advisory Eradication (Hunua Ranges)	<ul style="list-style-type: none"> • Crown. • Rural landowners • Non-compliant land occupiers • Anyone who releases pigs to the wild 	<ul style="list-style-type: none"> • Agricultural producers • Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Gambusia	Site led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
German wasp	Site-led	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community. Complainants The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Hedgehog (European)	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Koi carp	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Lesser banded hornet	Advisory	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community Complainants 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Little fire ant	Advisory	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers Container terminals/ports 	<ul style="list-style-type: none"> Regional community Agricultural producers Complainants The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Magpie	Sustained control	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community Complainants 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Median wasp	Advisory	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community Complainants 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Mustelids – ferret, stoat, weasel	Site-led	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Perch	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Possum	Sustained control Site-led	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Rabbit	Site-led	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Rainbow lorikeet	Site-led (MPI)	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Rats	Site-led	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Red imported fire ant	Advisory	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers Container terminals/ports 	<ul style="list-style-type: none"> Regional community Agricultural producers Complainants The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Rook	Eradication	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Rudd	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Tench	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Tropical fire ant	Advisory	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers Container terminals/ports 	<ul style="list-style-type: none"> Regional community Complainants The Crown Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Wild deer	Advisory Eradication (Hunua Ranges)	<ul style="list-style-type: none"> Crown Rural landowners Non-compliant land occupiers 	<ul style="list-style-type: none"> Agricultural producers Regional community 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Wild goldfish	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Wild red-eared slider turtle	Site-led	<ul style="list-style-type: none"> Regional land occupiers The Crown Non-compliant land occupiers Pet trade 	<ul style="list-style-type: none"> Regional community The Crown 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Yellow crazy ant	Advisory	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers Container terminals/ports 	<ul style="list-style-type: none"> Regional community Complainants The Crown Agricultural producers 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below
Yellow flower wasp	Advisory	<ul style="list-style-type: none"> Regional land occupiers Non-compliant land occupiers 	<ul style="list-style-type: none"> Regional community Complainants 	See note 1 below	See note 1 below	See note 2 below	See note 3 below	See note 4 below	See note 5 below

Note 1

Assess each group’s ability to change behaviour to reduce costs of control

National policy direction section 8(c) (i)

Assess each group’s ability to change behaviour to reduce risks that create need for control

National policy direction section 8(c) (i)

The council’s analysis showed that the categories of exacerbators and beneficiaries are very similar for many pests in the RPMP. The regional community is a beneficiary in most cases. Equally, land occupiers are often exacerbators. This can be intentional, for example, by purposely dumping garden waste in the environment rather than disposing of it properly. Or unintentionally by using garden plants that subsequently “jump the fence” and become pests.

Many land occupiers are beneficiaries, either of pest control done by their neighbours to comply with the RPMP or of pest control done directly by the council.

There is a broad category of “agricultural produces” who are exacerbators and/or beneficiaries depending on the circumstances. The Crown can equally be both.

Agricultural harvest and mowing contractors are a potential exacerbator for some pests.

The council has considered the degree to which these broad groups of exacerbators and beneficiaries might change their behaviour to reduce costs or risks. In general, the answer depends more on individual behaviour rather than change at the group or industry level. For example, most environmental pests were introduced by gardeners for their ornamental value. But it is impossible to make a useful analysis of gardeners as a group since many of them are individually quite responsible. Overall, the ability to change behaviour varies tremendously depending on the pest in question, the practical reality in a given situation and the circumstances faced by individual exacerbators and beneficiaries.

The council has chosen pest management programmes that take into account a group’s ability to change behaviour. Velvet leaf, for example, is a new pest to this RPMP. In considering management options, the council concluded that agricultural producers could effectively manage this pest by slightly changing their weed spraying programmes. The council therefore has made velvet leaf a land occupier control pest, rather than direct control by the council, even though this pest is uncommon and would be a candidate for council funded eradication.

For many groups, significant cost reduction would require significant land use change from one party (from dairy to sheep farming, for example). This is impractical in most cases. Nor does their ability to change vary much depending on the pest in question.

Of course, good farming practices can reduce the cost of control or the spread of many pest plants to some degree. For example, paddocks that are very thickly grassed will be less susceptible to weeds. Grazing and harvesting regimes also can influence weed spread. All landowners can reduce their risk to some degree by being vigilant about what equipment and materials enter their property. However, farmers and other primary producers generally take these steps without intervention from the regional council because they enhance profitability. It is when land occupiers do not act voluntarily that the RPMP is really needed.

Similarly, behaviour change is not a realistic issue for the regional community as a beneficiary. The Crown agencies also have a limited ability to change behaviour because they are constrained by legislation. Of course, this does not mean they cannot change their management practices to keep costs and impacts down. The same is true for all land occupiers. In fact, occupiers who do not manage pests in compliance with RPMP rules contribute to higher costs for everyone.

Agricultural harvest and mowing contractors can reduce the risk of spreading pests by practicing good weed hygiene on their equipment.

Ultimately, the regional council can only effectively consider the cumulative position across all RPMP pests and across broad groupings of exacerbators and beneficiaries. Waikato Regional Council believes this approach is the only practical one when considering the council's funding options. For example, it would be impractical and expensive for the council to adopt targeted rates to fund the work driven by very specific exacerbators and beneficiaries for individual pest species. Many segments of society would find themselves paying multiple small rates that tried to capture their specific exacerbator and beneficiary component.

In some cases for specific pests, one group might be more relevant than other segments of society. For example, eel fishermen (commercial and recreational) are thought to play a role in spreading alligator weed, but have no connection with woolly nightshade. Nevertheless, it is not considered feasible to accurately quantify eel fishermen's contribution to the costs of controlling alligator weed; nor would it be practical to target rates just to the eel fishing community.

The Local Government Rating Act limits what the council can strike rates on. Moreover, the council considers that the transaction costs of multiple, small targeted rates would be undesirable.

Note 2

Assess each group's ability to determine whether the benefits of pest control outweigh the costs National policy direction section 8(c) (ii)

Waikato Regional Council has assessed that the ability of each group of exacerbators or beneficiaries to determine whether the benefits of pest control outweigh the costs is very limited.

This analysis recognises that each group or individual sees only a small part of the total pest control problem and can quantify only their costs. For example, one exacerbator might consider \$1,000 of pest control as required by the RPMP to be a complete waste of money. They may not see the value of their contribution to the cumulative benefit of controlling that pest.

The regional council can estimate and consider what the relationship between groups of exacerbators and beneficiaries is for individual pests. For example, the Crown can be considered an exacerbator for boneseed because this pest usually grows in coastal areas and sand dunes that are Crown land. The forestry industry is unlikely to be a beneficiary of boneseed control because it will not grow well under heavy shade. In this instance, the occupier is responsible for the control of boneseed, which means the forestry industry is unlikely to face any costs.

These individual assessments have been made by the council and factored into decisions about how pest management should be funded. The council is ultimately responsible for making a judgement about overall regional costs and benefits. Waikato Regional Council believes that the net benefits of control for each pest in this RPMP exceed the costs.

Note 3**Assess each group's ability to determine whether pest control is being delivered most cost effectively
National policy direction section 8(c) (iii)**

Waikato Regional Council has assessed that each group's ability to determine whether pest control is being delivered most cost effectively is very low.

This is because each group generally sees only a small part of the total pest control problem and can quantify only their group's costs. Equally, a single landowner might be an exacerbator for possums but that landowner will have an ability to assess only what happens on his/her land. However, the behaviour of one possum contractor engaged by Waikato Regional Council might be a very poor indication of how cost effective the whole control programme is.

It would be very difficult for the regional council to make a useful assessment of, for example, the agricultural contracting industry's ability to determine whether pest control is being delivered most cost effectively. Making that judgement would require an industry to have considerable data and expertise. In most cases, the council cannot know whether one group has that capacity.

The council is ultimately responsible for delivering all services (not just pest management) in the most cost effective manner. Waikato Regional Council believes that its market-based contracting business model for pest management does that.

Note 4**Proposer must assess how costs can be allocated fairly and practically
National policy direction section 8(d)**

On balance, the regional council has concluded that making landowners responsible for the control of most pests (through compliance with RPMP rules) is the fairest and most practical way to allocate costs. The regionally collected biosecurity rate based on capital value funds compliance with those rules, with costs recovered from land occupiers wherever appropriate.

Pests that are considered very high threat or unusually difficult to control are often managed directly by the council (i.e., direct control) and are funded through the regional biosecurity rate. Council considered this the fairest and most practical approach. The Crown also may benefit from (or exacerbate the need for) direct control funded by the council; however, the Crown does not pay rates and so does not contribute to this funding stream.

Note 5**Documentation of compliance and any other factors****National policy direction section 8(e)**

The council has created this document to demonstrate compliance with the provisions of the proposed national policy direction. However, the analysis and critical thinking supporting this document has been done through staff discussions and council meetings associated with the development of this and previous regional pest management plans. That work is documented elsewhere, for example, the minutes of council and committee meetings, and the cost benefit analysis associated with this RPMP.