Waikato Regional Pest Management Plan 2014-2024

Appendix 2: Section 7 Proposed National Policy Direction for Pest Management Plans and Programmes compliance checklist

Introduction

This document is council's response to section 7 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 eventually finalised, the council will have a period of time to determine whether the RPMP is inconsistent with it.

Section 7 of the proposed national policy direction emphasises the need to evaluate the costs and benefits of pest control, the risks associated with control and other factors that will help council analyse and compare different options. Waikato Regional Council has summarised the section 7 information in the table below. However, the process of gathering and evaluating relevant information extends well beyond section 7. For example, Waikato Regional Council has catchment liaison subcommittees that inform the council of public views and desires about pest problems. The council also takes into account submissions received through other processes, such as the annual plan and long term plan. The council has a Significance Policy that is required by the Local Government Act and that helps guide decision making. Similarly, council biosecurity staff attend conferences and undergo training related to the technical challenges of pest control.

There is always some uncertainty associated with any decision making process, including pest management. However, when all the social, political, economic and technical information is brought together, in most cases the council has a very clear understanding of what needs to be done to successfully control pests – and what the risks to success are. Where uncertainties exist, including those beyond the scope of section 7, the council has taken them into account as part of its assessment of the overall costs and benefits of controlling each pest.

The council was mindful of the requirement of the proposed national policy direction section 7(1)(d): "In the proposal for a pest management plan or pathway management plan, an analysis of the benefits and costs of the plan for each subject must: ... identify and quantify risks to being successful." Tables 1 and 2 are part of that decision making process.

Table 1: Plant pests

Pest	Type of management programme	2(a) The level of certainty, including:		(b) Likely significance or controversy created by a decision	(c) The urgency of the situation	(d) Relative costs involved	(3) When identifying and quantifying the risks to being successful under sub clause (1)(d), a proposer must consider the risk:				
		(i) level and quality of data	(ii) the certainty of impacts				(a) that the management approach chosen cannot effectively achieve the objective being sought	(b) that the management approach chosen will be inadequately applied	(c) that other stakeholders, agencies, or legal processes will adversely affect implementation of the plan	(d) of causing unintended adverse effects	(e) that public and political concerns will adversely affect the implementation of the plan
African feather grass	Eradication	Medium	Low	Low	High	Low	Low	Low	Low	Low	Low
Alligator weed	Progressive containment	High	High	Medium	High	High	Medium	Low	Medium	Low	Low
Asparagus: bushy and ferny	Site-led	High	High	Low	High	Low	Low	Low	Low	Low	Low
Australian sedge	Sustained control	Low	High	Low	Low	Low	Low	Low	Low	Low	Low
Banana passionfruit	Progressive containment	Medium	High	Low	Medium	Low	Medium	Medium	Medium	Low	Low
Bat-wing passion flower	Exclusion	High	High	Low	High	Low	Low	Low	Low	Low	Low
Boneseed	Progressive containment	High	High	Low	Medium	Medium	Low	Low	Medium	Low	Low
Broom	Sustained control	Medium	High	Low	Medium	Low	Low	Low	Low	Low	Low
Broom corn millet	Exclusion	Medium	High	Low	High	Medium	Medium	Medium	High (contractor risk)	Low	Low
California bullrush	Site-led	High	High	Low	Medium	Low	Low	Low	Low	Low	Low
Cathedral bells	Eradication	High	High	Low	High	Low	Low	Low	Low	Low	Low
Cherry: Japanese and rum	Site-led	Low	High	High	Medium	High	Medium	Medium	High	Low	High
Chilean flame creeper	Eradication	High	High	Low	High	Low	Low	Low	Low	Low	Low
Chocolate vine	Progressive containment	Medium	High	Low	Medium	Medium	Medium	Medium	Low	Low	Low
Climbing asparagus	Progressive containment	Medium	High	Low	Medium	Medium	Medium	Medium	Medium	Medium (hard to control without off-target effects)	Low
Climbing spindleberry	Progressive containment	High	High	Low	High	Medium	Low	Low	Low	Low	Low

Contorta pine	Progressive containment	High	High	Low	High	Medium	Low	Low	Medium	Low	Low
Darwin's barberry	Progressive containment	High	High	Medium	Medium	Medium	Medium	Medium	Medium	Low	Low
Evergreen buckthorn	Eradication	High	High	Low	High	Medium	Low	Low	Low	Low	Low
Freshwater eel grass	Exclusion	High	High	Low	High	Low	Low	Low	Low	Medium (aquatic environment)	Low
Fringed water lily	Exclusion	High	High	Low	High	Low	Low	Low	Low	Medium (aquatic environment)	Low
Giant gunnera	Progressive containment	Low	High	Medium	Medium	Medium	Medium	Medium	Medium	Low	Medium
Gorse	Sustained control	High	High	Low	Low	Medium	Medium	Medium	Medium	Low	Low
Horse nettle	Eradication	High	High	Low	High	Low	Low	Low	Low	Low	Low
Horsetail	Exclusion	High	High	Low	High	Low	Medium	Low	Medium (stakeholders)	Low	Low
Hydrilla	Exclusion (MPI-led)	High	High	Low	High	Low	Medium	Low	Low	Medium (aquatic environment)	Low
Japanese walnut	Site-led	Low	Medium	Low	Medium	Low	Medium (lack of data)	Low	Medium	Low	Medium
Knotweed: Chinese	Eradication (MPI-led)	High	High	Low	High	Low	Low	Low	Medium (MPI led)	Low	Low
Knotweed: Japanese and giant	Eradication	High	High	Low	High	Low	Medium (very difficult to eradicate)	Low	Low	Low	Low
Kudzu vine	Exclusion	High	High	Low	High	Low	Low	Low	Low	Low	Low
Lantana	Eradication	Medium	High	Low	High	Low	Medium	Medium	Low	Low	Low
Manchurian wild rice	Eradication (MPI-led)	High	High	Low	High	Medium	Medium (very difficult to eradicate)	Medium	Medium	Medium	Low
Marshwort	Exclusion	High	High	Low	High	Low	Low	Low	Low	Medium (aquatic environment)	Low
Mexican devil	Progressive containment	Low	High	Low	Medium	Low	Medium	Medium	Low	Low	Low
Mexican water lily	Site-led	High	High	Low	High	Low	Low	Low	Low	Medium (aquatic environment)	Low
Mignonette vine	Progressive containment	High	High	High	High	Low	Medium	Medium	Medium	Low	Low
Mile-a-minute	Eradication	High	High	Low	High	Low	Low	Low	Low	Low	Low
Mistflower	Progressive containment	Low	High	Low	Medium	Low	Medium	Medium	Low	Low	Low
Moth plant	Progressive containment	High	High	Low	High	Medium	Medium	Medium	Medium	Low	Low

Nassella tussock, fine stemmed needle grass, Chilean needle grass	Eradication	High	High	Low	High	Low	Low	Low	Low	Low	Low
Noogoora bur	Eradication	High	High	Low	High	Low	Low	Low	Medium	Low	Low
Old man's beard	Progressive containment	High	High	Low	High	Medium	Low	Low	Low	Low	Low
Pampas	Progressive containment	High	High	Medium	Medium	High	Medium	Medium	Low	Low	Low
***Phytophthora* taxon Agathis**	Site-led	Low	High	Low	Medium	Low	Medium	Medium	Low	Low	Low
Privet	Sustained control	Medium	Medium	High	Low	High	High	Low	Medium (e.g. roadsides)	Low	High
Purple loosestrife	Eradication	High	High	Low	High	Low	Low	Low	Low	Low	Low
Purple nutsedge/ nutgrass	Sustained control	Low	Medium	Medium	Low	Low	Medium (very difficult to eradicate)	Medium	Medium	Low	Low
Ragwort	Sustained control	High	High	Low	Low	Low	Medium	Medium	Low	Low	Low
Reed sweetgrass	Site-led	Low	High	Low	Medium	Low	Medium	Medium	Low	Low	Low
Rhododendron ponticum	Eradication	High	High	Low	High	Low	Low	Low	Low	Low	Low
Royal fern	Site-led	Low	High	Low	Medium	Low	Medium	Medium	Low	Low	Low
Sagittaria	Eradication	High	High	Low	High	Low	Low	Low	Medium	Medium (aquatic environment)	Low
Saltwater paspalum	Site-led	Medium	High	Medium	Medium	Medium	Low	Low	Medium	Low	Medium
Sea spurge	Eradication (MPI-led)	Medium	Medium	Low	High	Low	Low	Low	Medium (MPI)	Low	Low
Senegal tea	Eradication	High	Low	Low	High	Low	Low	Low	Medium	Low	Low
Spartina	Eradication	High	High	Medium	High	Medium	Low	Low	Medium	Low	Medium
Strawberry dogwood	Site-led	Low	Medium	Medium	Medium	Low	Medium (lack of data)	Low	Medium	Low	Medium
Thistle: nodding and plumeless	Sustained control	Medium	Medium	Medium	Low	Medium	Medium	Medium	Low	Medium	Medium
Thistle: variegated	Eradication	High	High	Low	High	Low	Low	Low	Low	Low	Low
Tutsan	Progressive containment	Medium	High	Low	High	Medium	Medium	Medium	Medium	Low	Low
Velvet leaf	Progressive containment	High	Medium	Low	High	Low	Medium	Medium	Medium	Low	Low
Water poppy	Eradication	High	High	Low	High	Low	Low	Low	Low	Medium (aquatic environment)	Low

White bryony	Eradication (MPI-led)	High	High	Low	High	Medium	Low	Low	Medium	Low	Low
Wild ginger	Progressive containment	Medium	High	Low	High	Medium	Medium	Medium	Medium	Low	Low
Wild kiwifruit	Site-led	Low	High	Medium	Low	Low	Low	Low	Medium	Low	Low
Wilding conifers	Site-led	Low	High	Medium	Medium	Medium	Medium	Low	Medium	Low	Medium
Willow: grey and crack	Site-led	Medium	High	Medium	Medium	Low	Medium	Medium	Medium	Medium	Medium
Woolly nightshade	Progressive containment	High	High	Low	High	High	High	Medium	Medium	Low	Low
Yellow flag iris	Progressive containment	High	High	Low	High	High	Medium	Low	Medium	Low	Medium

Table 2: Animal pests

Pest	Type of management programme	2(a) The level of certainty, including:		(b) Likely significance or controversy created by a decision	(c) The urgency of the situation	(d) Relative costs involved	(3) When identifying and quantifying the risks to being successful under sub clause (1)(d), a proposer must consider the risk:				
		(i) level and quality of data	(ii) the certainty of impacts				(a) that the management approach chosen cannot effectively achieve the objective being sought	(b) that the management approach chosen will be inadequately applied	(c) that other stakeholders, agencies, or legal processes will adversely affect implementation of the plan.	(d) of causing unintended adverse effects	(e) that public and political concerns will adversely affect the implementation of the plan
Asian paper wasp	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Australian paper wasp	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Argentine ant	Advisory animal	Low	Medium	Low	Low	Low	Medium	Low	Low	Low	Low
Brown bullhead catfish	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Canada goose	Advisory animal	Low	Medium	Medium	Low	Low	Medium	Medium	High (F&G)	Low	High (recreational hunters and farmers have strong, divergent views)
Common wasp	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Darwin's ant	Advisory animal	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
Feral cat	Site-led	High	High	Medium	Low	Low	Low	Low	Medium (SPCA etc)	Low	Medium (SPCA etc)
Feral goat	Site-led	High	High	Low	Medium	Medium	Low	Low	Medium (landowner compliance)	Low	Low
Feral pig	Advisory animal	High	High	Medium	Low	Low	Low	Medium (requires support of hunters)	Medium	Low	Medium (hunting lobby)
Gambusia	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
German wasp	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Hedgehog (European)	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Koi carp	Site-led	Medium	High	Low	Medium	Medium	Medium	Low	Low	Low	Low
Lesser banded hornet	Site-led (MPI-led)	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
Little fire ant	Site-led (MPI-led)	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Magpie	Sustained control	High	High	Low	Medium	Low	Low	Medium (landowner responsibility)	Low	Low	Low

Median wasp	Site-led (MPI-led)	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low
Mustelids: ferret, stoat, weasel	Site-led	High	High	Low	Medium	Low	Low	Low	Low	Low	Low
Perch	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Possum	Sustained control	High	High	Low (medium if aerial)	Medium	High	Low	Low	Low	Low	Medium (1080 etc)
Rabbit	Sustained control	High	High	Low	Low	Low	Low	Low	Medium (requires landowner compliance)	Low	Low
Rainbow lorikeet	Site-led (MPI-led)	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Rats	Site-led	High	High	Low	Medium	Medium	Low	Low	Low	Low	Low
Red imported fire ant	Site-led (MPI-led)	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Rook	Eradication	High	High	Low	Medium	Low	Low	Low	Low	Low	Low
Rudd	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Tench	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Tropical fire ant	Site-led (MPI-led)	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Wallaby	Progressive containment	Medium	Medium	Low	Medium	Low	Low	Medium	Low	Low	Low
Wild deer	Advisory animal	High	High	Medium	Low	Low	Low	Medium (requires support of hunters)	Medium	Low	Medium (hunting lobby)
Wild goldfish	Site-led	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Wild red-eared slider turtle	Site-led	Medium	Low	Low	Low	Low	Low	Low	Low	Low	Low
Yellow crazy ant	Site-led (MPI-led)	High	High	Low	Low	Low	Low	Low	Low	Low	Low
Yellow flower wasp	Site-led (MPI-led)	Low	Low	Low	Low	Low	Low	Low	Low	Low	Low