

Boffa Miskell



# Operational Spray Plan

Lake Karāpiro Aquatic Weed Management  
Prepared for Land Information New Zealand

7 December 2021

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## 1.0 Permitted Activity Rule

Waikato Regional Plan, 6.1 Regional and Local Air Management, 6.2.4.9 Permitted Activity Rule – Widespread Application of Agrichemical(s)

## 2.0 Pre-Spray Monitoring and Proposed Control Dates

Surface-based aquatic weed delimitation survey carried out by an ecologist on Tuesday 23rd November 2021.

## 3.0 Survey Sites

1. Little Waipa Reserve
2. Finlay Park and surrounding areas
3. Horahora Domain and ski lanes
4. Bobs landing
5. Moana Roa Reserve
6. Keeleys Reserve
7. Waipuke Park
8. Zone 4
9. Zone 3

## 4.0 Herbicide Application

Boat based aquatic weed spraying is scheduled to begin from **Monday 6th December 2021 and may continue intermittently to Friday 17th December 2021**, as weather, weed and water conditions permit. Treatment will not take place during weekends or on public holidays.

As a precautionary measure only, Land Information New Zealand advises users not to take water from Lake Karāpiro to consume or for irrigation purposes from the vicinity of the treatment area until 24 hours after treatment has been completed.

Notices will be placed at [www.linz.govt.nz](http://www.linz.govt.nz) 24 hours prior to the planned spray dates. Warning signs will be placed at authorised public boat ramps prior to and during treatment and will be removed 24 hours after treatment. Changeable weather conditions may result in delays to weed spraying.

Please scan the QR code below to access the most up-to-date information on control timings.



The Hazard classification for diquat is 6.1C, 6.3A, 6.9A, 8.1A, 9.1A and 9.3C.

Diquat factsheet prepared by NIWA.

<https://niwa.co.nz/sites/niwa.co.nz/files/Diquat%20FAQ%20Download.pdf>

Reglone Diquat Herbicide Label.

<https://syngenta.my.salesforce.com/sfc/p/#24000000Yk1o/a/1o0000005A43/yCjCCVLyKhxx9ee7wmLCZxrNhS2Xtb7IJ9QtHsZtUDQ>

## 5.0 Notifications

### 5.1 Newspaper adverts

#### **The Cambridge News**

Publication Dates:

- Thursday 2nd December 2021

#### **Waikato Times**

Publication Dates:

- Monday 29th November 2021
- Monday 6th December 2021

## Comprehensive stakeholder email list

Email sent to stakeholder list at least one week in advance of proposed spray dates, leading up to, during and at the conclusion of spraying. Please email [biosecurity@boffamiskell.co.nz](mailto:biosecurity@boffamiskell.co.nz) if you would like to be added to the mailing list.

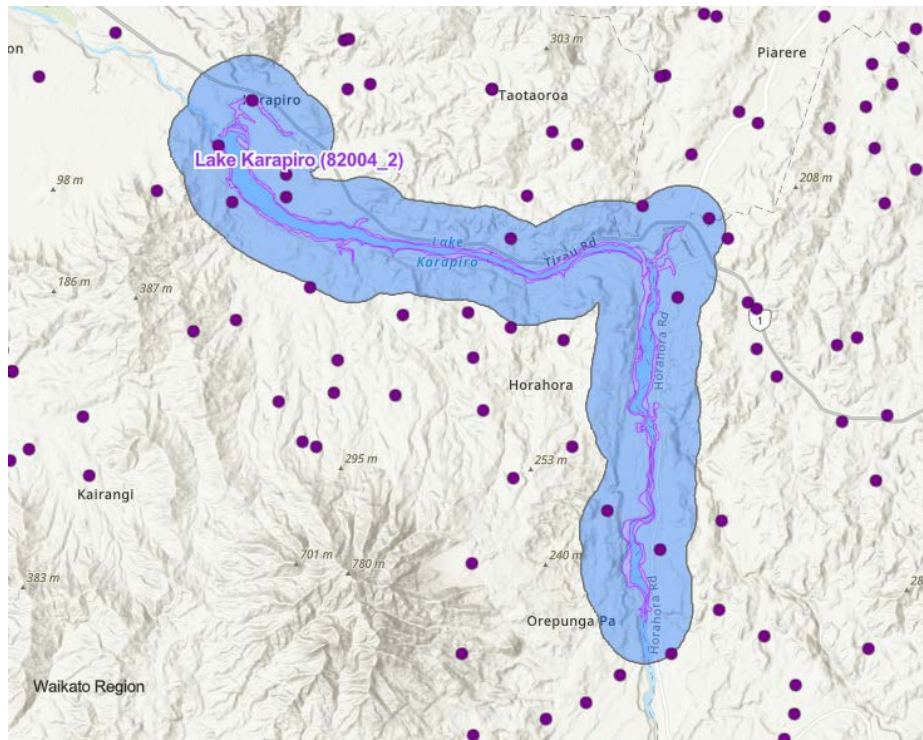
## 6.0 Water Takes

### 6.1 Consented water takes

Identification of water takes undertaken using the Regional Council's surface water take information.

- One take identified as being within 300m of proposed application area:
  - AUTH139861.01.01, Waipa District Council, PRIMARYSOURCE Surface Water, CATCHMENT Waikato River at Karāpiro Dam, PRIMARYUSE Drinking

### Identified Water Takes Lake Karāpiro



## 6.2 Other known water takes

- One take identified as being within 300m of proposed application area:  
Becks Nurseries Indoor Plants (notification via email and phone)

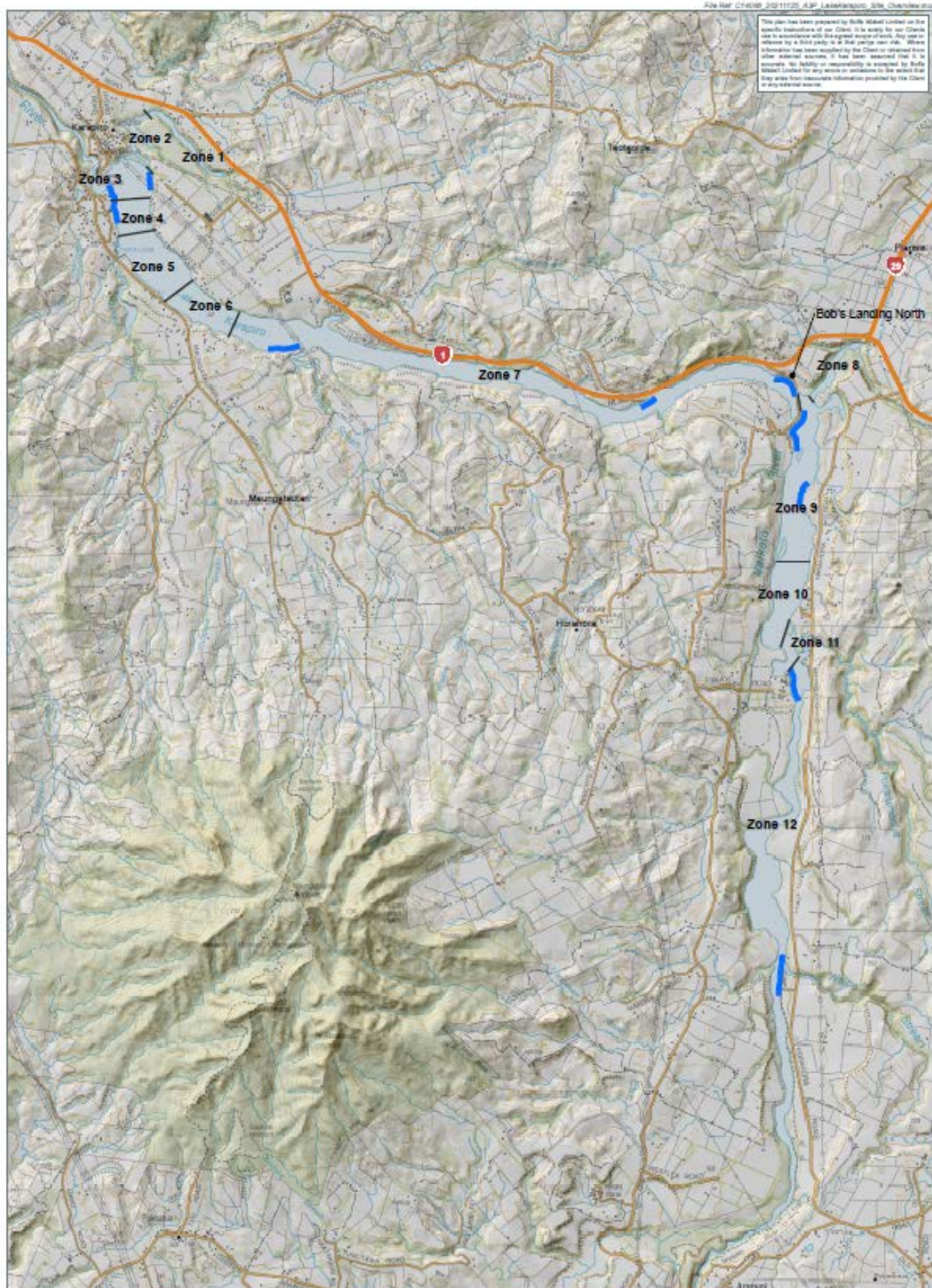
### Map Identifying Becks Nurseries Water Take





## 7.0 Proposed Spray Areas

Proposed control area of 28 hectares on Lake Karāpiro produced by Boffa Miskell.



 0 1 2 km  
 1:50,000 @ A3  
 Data Sources: Topo map Sourced from LINZ Topo50 Map Series. Crown Copyright Reserved.  
 Projection: NZGD 2000 New Zealand Transverse Mercator

**Legend**  
 Proposed Spray Areas  
 Lake zone  
 State Highway

LINZ 2021/22 BIOSECURITY  
 Lake Karāpiro Aquatic Weed Management - Nov 2021

Date: 25 November 2021 | Revision: 0  
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