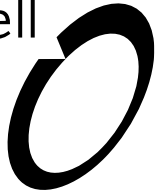


Boffa Miskell



Operational Spray Plan

Lake Dunstan Aquatic Weed Management
Prepared for Land Information New Zealand

18 June 2024

Contents

1.0	Discharge Permit	3
2.0	Pre-Spray Monitoring and Proposed Control Sites and Dates	3
3.0	Herbicide Application	3
4.0	Notifications	4
4.1	Newspaper advertisements	4
4.2	Comprehensive stakeholder email list	4
5.0	Signage	5
6.0	Water Takes	5
7.0	Map of Proposed Spray Areas	5

1.0 Discharge Permit

Land Information New Zealand holds a Discharge Permit (No. RM14.111.01), issued by the Otago Regional Council, for the discharge of diquat herbicide and Intracid Rhodamine WT liquid tracer dye throughout waterbodies in Otago for the purpose of aquatic plant pest control. The Discharge Permit expires on 20 May 2049.

2.0 Pre-Spray Monitoring and Proposed Control Sites and Dates

Surface-based aquatic weed delimitation survey was carried out on 16 June 2024. The following sites were surveyed and were deemed fit for spraying:

- Bendigo Boat Ramp & Approaches
- Cromwell Swimming Beach
- Lowburn Boat Harbour
- Lowburn Inlet
- McNulty's Inlet
- Northburn Ski Lane
- Pisa Mooring

A total of 12 hectares is proposed for control (see Section 7.0 Map of Proposed Spray Areas).

3.0 Herbicide Application

Boat-based aquatic weed spraying is scheduled to begin from **Monday 17th June 2024**, and may continue through to **Thursday 27th June 2024**, 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 Dunstan 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 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>

4.0 Notifications

4.1 Newspaper advertisements

The Otago Daily Times

Publication Dates:

- Monday 10th June 2024
- Monday 17th June 2024

Cromwell Bulletin

Publication Dates:

- Thursday 13th June 2024
- Thursday 20th June 2024

4.2 Comprehensive stakeholder email list

Emails are sent to the comprehensive stakeholder list at least one week in advance of proposed spray dates, the day before spraying, on the day(s) of spraying and at the conclusion of spraying. Please email biosecurity@boffamiskell.co.nz if you would like to be added to the mailing list.

5.0 Signage

Warning signage is erected at each spray site prior to application and is removed once the 24-hour stand down period for swimming, fishing and taking water has elapsed (Figure 1).



Figure 1. An example warning sign that will be erected at each spray site.

6.0 Water Takes

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

Affected parties will be contacted via email prior to any control taking place. These parties are also on the comprehensive stakeholder list.

7.0 Map of Proposed Spray Areas

A map of the proposed herbicide treatment areas is shown in Figure 2.



Figure 2. Map of the proposed herbicide treatment areas in Lake Dunstan.