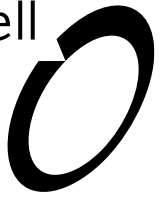


Boffa Miskell



Operational Spray Plan

Lake Dunstan Aquatic Weed Management
Prepared for Land Information New Zealand

4 April 2025

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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

Surface-based aquatic weed delimitation survey was carried out on **Friday 28 March 2025**. The following sites were surveyed and were deemed fit for spraying:

- Annan Inlet
- Bannockburn Inlet
- Bendigo Boat Ramp and Approaches
- Champagne Gully Ramp and Ski Lane
- Cromwell Swimming Beach
- Dairy Creek
- Jacksons
- Lowburn Boat Harbour
- Lowburn Inlet
- McNulty's Inlet
- Northburn Ski Lane
- Old Cromwell Town & Boat Ramps
- Pisa Moorings
- Weatherall Creek and Burton Creek

3.0 Herbicide Application

Boat-based aquatic weed spraying is scheduled to take place over **two days** between **Wednesday 26 March 2025** and **Thursday 17 April 2025**, 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.

For more information on the herbicide diquat, please visit:

<https://niwa.co.nz/freshwater/diquat-use-submerged-weeds>

Reglone Diquat Herbicide Label:

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

4.0 Notifications

4.1 Newspaper advertisements

Advertisements were placed in the **Otago Daily Times** on the following dates:

- Wednesday 19 March 2025
- Monday 24 March 2025

Advertisements were placed in the **Cromwell Bulletin** on the following dates:

- Thursday 20 March 2025

4.2 Radio advertisements

Three 30-second adverts were aired on Monday 24 March 2025 on radio stations within the Cromwell area advising listeners of the proposed herbicide treatment.

4.3 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 each

day 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

Approximately 20 hectares of boat-based spraying is proposed for Lake Dunstan in April 2025. A map of the proposed herbicide treatment areas is shown below.

