

# **Brighton Council**

## Environment, Culture and Arts Committee

12<sup>th</sup> April 2022



## INDEX

## Environment, Arts and Culture Committee Meeting: $12^{th}$ April 2022

1.	Acknowledgement of Country	4
2.	Apologies	4
3.	Public Question Time and Deputations	4
4.	Declaration of Interest	4
5.	Business	5
5.1	Brighton Council Draft Weed Management Strategy	5
5.2	Landcare Tasmania Program Update	8



Council Representatives: Cr Curran (Chairperson); Cr Geard (Deputy Chairperson);

Cr De La Torre; Cr Garlick; Cr Gray; Cr Jeffries; Cr Murtagh;

Cr Owen and Cr Whelan.

## NOTICE OF MEETING

Dear Councillor,

Notice is hereby given that the next Environment, Arts and Culture Meeting of the Brighton Council will be held at 5.00 p.m. on Tuesday, 12th April 2022, to discuss business as printed below.

## QUALIFIED PERSON CERTIFICATION

I HEREBY CERTIFY that in accordance with Section 65 of the Local Government Act 1993, any advice, information and recommendation contained in the reports related to the Agenda have been prepared by persons who have the qualifications or experience necessary to give such advice, information and recommendations.

Dated at Old Beach this 7th day of April 2022.

James Dryburgh

**GENERAL MANAGER** 

#### AGENDA

## 1. Acknowledgement of Country

Brighton Council acknowledges the palawa/pakana (Tasmanian Aboriginal) community as the traditional and original owners of the skies, land and water of lutruwita (Tasmania) and forward our respect to their elders both past and present.

Brighton Council acknowledges the continued connection the Tasmanian Aboriginal people still have to the skies, land and water of lutruwita that provides them with the food, medicine and craft celebrated through ceremony today.

## 2. Apologies

## 3. Public Question Time and Deputations

3.1 Dr Josie Kelman from the Derwent Catchment Project (DCP) will present on the work being undertaken on behalf of Council.

## 4. Declaration of Interest

In accordance with Part 5, Section 48 of the Local Government Act 1993, the Chairman of a meeting is to request Councillors to indicate whether they have, or are likely to have an interest in any item on the agenda; and

Part 2 Regulation 8 (7) of the Local Government (Meeting Procedures) Regulations 2015, the Chairman of a meeting is to request Councillors to indicate whether they have, or are likely to have, a pecuniary interest in any item on the agenda.

Accordingly, Councillors are requested to advise of any interest they may have in respect to any matter appearing on the agenda, or any supplementary item to the agenda, which the Council has resolved to deal with, in accordance with Part 2 Regulation 8 (6) of the Local Government (Meeting Procedures) Regulations 2015.

## 5. Business

## 5.1 Brighton Council Draft Weed Management Strategy

Attachment: Draft Weed Management Strategy (See pages 11-68)

Author: Manager Asset Services (C Pearce-Rasmussen)

Climate Resilience Officer (A Johnson)

## Background

Brighton Council has engaged the Derwent Catchment Project (DCP) to assist to better manage council owned land and assist members of the community to do their part for environmental issues such as weed management.

The DCP was set up to assist landholders to restore and maintain natural and agricultural landscapes, to ensure a prosperous and sustainable future for the Derwent River Catchment.

The DCP is a not-for-profit group and provides Natural Resource Management (NRM) services to the Derwent Valley Council, Central Highlands Council, and now Brighton Council.

The Draft Brighton Council Weed Management Strategy has been developed by the DCP and provides a clear strategy and overarching work program for weed management in the Brighton municipality.

The Draft Weed Management Strategy covers:

- Legislative responsibilities.
- The changing context of weeds.
- A base survey of the location and an inventory of weeds.
- Regional priorities protecting high value areas.
- Causes of weed spread and actions to prevent further spread.
- List of stakeholders and costings for various actions.

#### Consultation

The General Manager, Manager Assets Services and Manager Development Services have been involved with NRM projects development.

It is proposed that further community consultation occur by promoting the Draft Weed Strategy and inviting comment, with a report back to Brighton Council before end of financial year 2022.

## **Risk Implications**

Undertaking and finalising a weed strategy is low risk as it leads to improved planning and natural resource management. A clear and coordinated weed management approach reduces the risks of weeds spreading and reputational damage from community complaints.

## Financial Implications

The total cost of the Draft Weed Strategy development and for on the ground weed management (10 days of control and 4 days coordination, mapping and data management) is \$20,080. Most of these costs are covered by the existing weed removal and maintenance budget.

## Strategic Plan

The recommendations further the following strategies from Council's strategic plan:

- S1.1: Understand/Improve Health and Wellbeing
- S1.5: Build a resilient community and environmentally sustainable future
- S4.1: Ensure Financial & Risk Sustainability
- S4.2: Be well-governed
- S4.4: Long-term thinking & evidence-based

#### Social Implications

The community looks to Brighton Council for leadership on issues such as climate change action and caring for the environment, and it emerged as a core priority for the community in the 2050 Vision consultation. There is a key role for local government to actively work with the range of organisations that care for the land, such as the State Government, the Derwent Estuary Program, DCP and Landcare Tasmania.

#### **Environmental or Climate Change Implications**

Caring for the natural environment are actions under the *Brighton Council Climate Change Resilience Strategy 2019:* 

- 65 Develop and implement a Brighton Biodiversity & Natural Values Strategy.
- 67 Work collaboratively with regional landscape management agencies to effectively manage Brighton's natural assets in a changing climate (e.g. Crown, NRM South, DPIPWE, Tas Water).

## **Economic Implications**

There is an expectation from the community that Brighton Council will take action to enhance and restore the natural environment, this includes an active and coordinated weed management program.

#### Other Issues

None

#### Assessment

The Draft Weed Management Strategy will provide a well-considered strategic approach to weed management in the Brighton municipality for the first time. Weed management will provide a range of environmental, social and economic benefits to the community.

Prior to Council formally endorsing the Draft Weed Management Strategy it is considered appropriate to invite comment from the community.

## **Options**

- 1. As per the recommendation.
- 2. Endorse the Draft Weed Management Strategy without community consultation.
- 3. Do not endorse the Draft Weed Management Strategy

## **RECOMMENDATION:**

That Council endorses the Draft Weed Management Strategy for community consultation.

## <u>DECISION:</u>

## 5.2 Landcare Tasmania Program Update

Attachment: A - Landcare Tasmania - Brighton events pictures (See pages 69-70)

Authors: Manager Asset Services (C Pearce-Rasmussen)

Climate Resilience Officer (A Johnson)

## Background

Landcare Tasmania approached Brighton Council to start a community Landcare group in 2021. At the time Brighton Council had no dedicated Natural Resource Management (NRM) role and the Landcare Tasmania not-for-profit organisation offered insurance, equipment and existing connections with MONA and community groups.

Brighton Council partnered with Landcare Tasmania to establish the 300<sup>th</sup> Landcare Tasmania group in the Eddington Road area. Launched as part of National Tree Day in August 2021 it was the first Landcare group in Brighton to be in operation for some time (see Attachment A).

Late 2021, the Old Beach Neighbourhood Watch Group received \$800 from Brighton Council to extend their Landcare activities in the Old Beach area. Currently there is interest from members of the Brighton community to form a Jordan River group.

Landcare also helped facilitate the "Grow Your Own Native Plants" workshop at the Botanical Institute on 20<sup>th</sup> March 2022 and Bridgewater Clean-Up Australia Day on 6 March 2022 (see Attachment A for more details).

Landcare Tasmania have received community development funding from Brighton Council to support the following projects:

Description	Cost	Due for completion/completed	
School Event Preparation	\$500	Term 2, 2022 – citizen science session with the East Derwent Primary School	
School Event Coordination	\$500	Term 2, 2022 – citizen science session with the East Derwent Primary School	
Community Event Preparation	\$1,200	Bridgewater citizen science day -end of FY	
Community Event Coordination	\$800	Bridgewater citizen science day - end of FY	
Community Event Specialist	\$600	Seed propagation workshop	

Post Events Coordination (working bees, monitoring, and capacity building)	\$3,600	Clean Up Australia Day March 2022, Seed propagation workshop March 2022. Bridgewater working bee April 2022. Ongoing, expected monthly until end of FY.
Total incl. GST	\$7,920	All milestones by end of 2021-22 FY

Landcare Tasmania work proactively with Brighton Council's NRM program via the Derwent Catchment Project and has strategic ties with the following Brighton Council programs:

- Derwent Estuary Program participation.
- Climate change resilience program and the *Brighton Council Climate Change Resilience Strategy 2019.*
- Street tree program and the Greening Brighton Strategy 2016-2021.
- Regional Urban Tree Managers group (Kingborough Council, City of Hobart, Clarence City Council and Glenorchy City Council).
- The National Environment and Sustainability Program via a partnership with the University of Tasmania to work on nature-based solutions.
- The MONA Institute Botanica, Material Institute and Bond Place.
- Sustainability education program working with local schools.

#### Consultation

The General Manager and Manager Assets Services have been involved with Landcare Tasmania project development.

### Risk Implications

Being part of Landcare Tasmania is a low-risk approach to starting an NRM program, as Landcare Tasmania take on all the insurance risk and worksite health and safety requirements. Landcare Tasmania have significant networks and expertise, reducing reputational risk by providing specialists. The partnership with Brighton Council is based on a trial basis and will be reviewed at the end of the 2021-22 financial year.

#### Financial Implications

The total cost of trialling a Landcare Tasmania partnership for 6 months is \$7,920. All costs are from the General Manager's community development budget.

#### Strategic Plan

The recommendations further the following strategies from Council's strategic plan:

S1.1: Understand/Improve Health and Wellbeing

S1.5: Build a resilient community and environmentally sustainable future

S4.1: Ensure Financial & Risk Sustainability

S4.2: Be well-governed

S4.4: Long-term thinking & evidence-based

## Social Implications

The community looks to Brighton Council for leadership on issues such as climate change action and caring for the environment, and it emerged as a core priority for the community in the 2050 Vision consultation. There is a key role for local government to actively work with the range of organisations that care for the land, such as the State Government, the Derwent Estuary Program, Derwent Catchment Project, and Landcare Tasmania.

## **Environmental or Climate Change Implications**

Caring for the natural environment are actions under the *Brighton Council Climate Change Resilience Strategy 2019:* 

- 65 Develop and implement a Brighton Biodiversity & Natural Values Strategy.
- 67 Work collaboratively with regional landscape management agencies to effectively manage Brighton's natural assets in a changing climate (e.g., Crown, NRM South, DPIPWE, Tas Water).

#### **Economic Implications**

There is an expectation from the community that Brighton Council will take action to enhance and restore the natural environment. Providing natural places for the community to enjoy increases resilience and assists people and the environment to be more resilient to climate impacts.

#### **Options**

- 1. As per the recommendation.
- 2. That the report not be received.

## <u>RECOMMENDATION:</u>

That Council receives the Landcare Tasmania Program update report.

## **DECISION:**



# **Brighton Council**

Draft Weed Management Strategy 2021-2026





We acknowledge the traditional owners who once walked this country: the Mumirimina people.

The Mumirimina belonged to the Oyster Bay tribe. This was the largest tribe in Tasmania and covered 8000 square kilometres. kutalayna levee in Brighton was a significant meeting place where hundreds of generations of Aboriginal families hunted, gathered, corroboreed, camped and traded.

In the course of colonisation, dispossession of the Mumirimina was early, rapid and extensive.

We acknowledge the Tasmanian Aboriginal Community today as the continuing custodians of this land, and pay our respects to Elders past and present. Through our words and actions we strive to build a community that reflects and respects the history and hopes for all the people of Brighton.

## Contents

Mayor foreword	6
Key strategies and plans	7
Introduction	8
The Brighton region	8
Legal requirements of landholders	9
Principles of weed management	10
An adaptive and innovative approach to weed management	12
Changing context of managing weeds	12
Brighton Council weed management program scope	14
Plan objectives	14
Brighton Council's weed management strategy objectives are:	14
Key stakeholders	15
Survey methodology	15
Regional priorities	16
Promoting weed awareness	17
Protecting high-value conservation areas	19
Protecting agricultural and horticultural regions	21
Maintaining green spaces and Promoting pride in the area people live	22
Futureproofing for infrastructure and urban development and asset management	22
Eradication zones	23
Limitations	24
Cause of weed spread	25
Results	25
Sites significant as seed sources	26
Action table summary	27
Appendix I Weed eradication zones	29
Appendix II Stakeholder action tables	35
Brighton Council weed action table	35

Department of State Growth weed action table	36
Tas Rail weed action table	37
Crown Land Services weed action table	37
Appendix III Weeds in the region	39
Appendix IV Causes of weed spread	44
Appendix V Brighton Council weed action table	44



Image: Wild fennel weeds. Derwent Catchment Group, 2022

## Partnering with the Derwent Catchment Project

At around one-fifth the total area of Tasmania, the Derwent Catchment is a vast region with extraordinarily diverse landscapes. Within its borders are hydro-electricity operations, agriculture, forestry and aquaculture, and it's also one of the state's favourite tourist destinations. The bulk of Hobart's drinking water originates here.

The Derwent Catchment Project (DCP) was set up to assist landholders to restore and maintain natural and agricultural landscapes across this challenging environment, to ensure a prosperous and sustainable future for the Derwent Catchment.

The DCP works team is available for weed control and revegetation projects for private landowners.

## **Authors**



For further information about this plan please contact the Derwent Catchment Project via: facilitator@derwentcatchment.org.

This plan was compiled by Morgan McPherson & Josie Kelman

## **Publication Details**

This document may be reproduced in whole or in part for the purpose of study or training, subject to the inclusion of an acknowledgement of source and it not being used for commercial purposes or sale. Reproduction for purposes other than those given above requires the prior permission of the Derwent Catchment Project.

## Disclaimer

This document may be reproduced in whole or in part for the purpose of study or training, subject to the inclusion of an acknowledgement of source and it not being used for commercial purposes or sale. Reproduction for purposes other than those given above requires the prior permission of the Derwent Catchment Project and Brighton Council.

## Mayor foreword

I'm very pleased to present Brighton Council's Weed Management Strategy as part of our ongoing work towards a more sustainable environment for our communities.

Our municipality has a proud Tasmanian Aboriginal history of effective land management, with the Mumirimina people's custodianship of country. The kutalayna/Jordan River area was a significant meeting place where hundreds of generations of palawa people hunted, gathered, corroboreed, camped and traded.

Caring for the land and current weed invasion threats needs strong partnerships and we are proud of our community volunteers for stepping forward. Residents are volunteering their time and resources to work with the Derwent Catchment Project (DCP), Derwent Estuary Program and Landcare Tasmania to eradicate weeds and restore the Bridgewater and Old Beach foreshore.

We look forward to supporting these groups to connect with more community volunteers and improve the health and wellbeing of our communities through immersion in our captivating environment.

At Brighton Council we collaborate and celebrate the skill, passion and knowledge in our local area. In the last year, we have come a long way. Part of this effort is working with natural resource management experts, such as our partners in this strategy from the Derwent Catchment Project to develop clear future pathways.

The Brighton Council Weed Management Strategy will help curb the spread of weeds and shows our care for the Brighton area and our role in reducing invasive weed species in our area.

Our community has told us of their commitment to true change and sustainability progress, through the 2050 Vision. This strategy will help us measure our success in this area.

Not only does removing weeds make way for native habitat growth for bandicoots and other animals, but it also improves the overall resilience of the landscape to shocks. More extreme and frequent climate change impacts are expected; heatwaves, droughts, storm events and flooding are likely to hasten the spread of weeds and put pressure on the survival of the natural environment.

Children, through the Brighton Council sustainability program often write and present about the state of our environment. They say quite simply we must look after the environment... as we depend on it, and it is our future.

We truly value our wonderful environment, our wildlife, plants, and waterways and look forward to doing our best for a sustainable future.

Mayor Leigh Gray

**Brighton Council** 

## Key strategies and plans

Brighton Council has a range of natural resource management work with strategic ties to this strategy:

- Draft Natural Resource Management Strategy in development
- Climate change resilience program the *Brighton Council Climate Change Resilience Strategy 2019*
- Street tree program the Greening Brighton Strategy 2016-2021
- Derwent Estuary Program participation
- Regional Urban Tree Managers group (Kingborough Council, City of Hobart, Glenorchy City Council)
- The National Environment and Sustainability Program via a partnership with the University of Tasmania to work on nature-based solutions: <u>About the National</u> <u>Environmental Science Program - DAWE</u>
- Working with volunteer groups through Landcare Tasmania
- The MONA Institute Botanica, Material Institute and Bond Place
- Sustainability education program working with local schools
- Work collaboratively with regional landscape management agencies to effectively manage natural assets (e.g. Crown, NRM South, DPIPWE, Tas Water)



Image: Old Beach, Derwent River foreshore. Brighton Council, 2022

## Introduction

This weed management plan is a working document that can be updated as new information becomes available. The focus of the plan is to provide a strategic framework to guide priority weed management and investment into the region.

This plan also considers climate change as a management issue as the increasing intensity of events such as fire and floods are creating reactive weed management issues. These event and associated management issues can absorb resources, funding and time that is unanticipated.

This plan also supports the implementation of individual Statutory Weed Management Plans and relies on the Southern Tasmanian Weed Management Strategy for the broader direction. The plan provides a strategy for managing weed threats on-ground by identifying priority weeds and the regionally specific causes of weed spread.



Image: Brighton Council municipality. Spectrum Mapping System, Brighton Council, 2022

## The Brighton region

Brighton municipality is located approximately 20 kilometres north-east of Hobart on the eastern side of the Derwent River and forms part of the urban-rural interface of Greater Hobart. The municipality is bordered by Derwent Valley, Southern Midlands and Clarence Councils and is traversed by the Midland Highway and the East Derwent Highway.

The municipality consists of nine suburbs. Dromedary, Honeywood and Tea Tree are predominantly rural. Bridgewater, Brighton, Gagebrook, Herdsmans Cove and Old Beach are predominantly urban and house most of the population, and Pontville is a significant colonial-era village.

The rural qualities of Brighton are various with the municipality hosting wineries, cherry growers, sheep graziers and a range of small farm businesses. Industry plays a vital role in the municipality, and Brighton is well placed to take advantage of future growth in the industry.

## Legal requirements of landholders

The Weed Management Act 1999 was proclaimed on 1 September 2000. It is the principal legislation concerned with the management of declared weeds in Tasmania. This legislation states that "landholders must take all reasonable measures to prevent their land being infested with a declared weed and prevent a declared weed on their land from spreading. All landholders must also meet the management requirements as outlined in Statutory Weed Management Plans in order to comply with the Weeds Management Act 1999".

## The objectives of the Act are:

To minimise the negative effects of weeds on the sustainability of Tasmania's productive capacity and natural ecosystems. This will be achieved by promoting a strategic and sustainable approach to weed management which encourages community involvement in weed management; and promotes the sharing of responsibility for weed management between government, natural resource managers, the community and industry in Tasmania.

As of the 31st of March 2021, the General Biosecurity Duty (GBD) came into effect as part of the Biosecurity Act 2019. The GBD operates as a statutory "duty of care" in respect to biosecurity. This means that a person (which includes all levels of Government, individuals, and private corporate entities) must take all reasonable and practical measures to prevent, eliminate, or minimise biosecurity risks. The introduction of the GBD does not mean that you now must know everything about biosecurity, however you do need to know about the biosecurity risks that apply to your specific industry, business, work environment or pastimes - and how to manage or minimise those risks to the best of your ability.

The GBD does not directly replace the Weed Management Act it does however maintain the responsibility of landholders to manage weeds. Where the GBD differs is the responsibility it places on contractors, visitors, and persons responsible to contain, reduce and eradicate, if possible, the presence of environmental and declared weeds. In most instance a person or business will have to develop a biosecurity plan that allows them to action steps which will lead to a positive environmental outcome. If a person/business is found to not being performing their GBD in relation to weed control, a weed notice can be issued on the grounds that they did not attempt to comply and follow the appropriate steps to reduce weed burden.

Further detail can be found on the Department of Natural Resources and Environment, Biosecurity Tasmania website: nre.tas.gov.au



Image: Brighton Council municipality. Samuel Shelley, 2019

## Principles of weed management

Best practice principals are based on minimising weed spread and reducing the risk of new introductions. Preventing the introduction and spread of weeds is the most effective form of weed management. Many thousands of dollars can be saved by taking a precautionary approach particularly be implementing pre-emptive hygiene practices.



Image: Tea Tree winery, Brighton municipality, Brighton Council, 2022

Weed management requires a continuous, long-term commitment. Early detection of weed infestations followed by immediate control is the most successful weed management practice. It is also important to work from areas of low infestation and to address individual outliers before moving to more dense infestations. This approach ensures that light infestations do not become more difficult to address or provide a source of ongoing infestation. Topography should also be considered moving from upslope to downslope to reflect the movement of water (and seed) in the landscape. It is also important to factor in the maintenance of weed control efforts as part of budget allocation to successfully tackle weed problems.

In planning weed control works the environmental setting and local sensitivity should be considered. For example, in or near wetland areas foliar spray of large plants is inappropriate and mechanical control or hand control methods such as cut and paste or drill and fill should be undertaken. It may be that foliar spray is required on small plants after initial control measures due to large numbers of small seedlings appearing. If so, herbicide should be water and frog safe, e.g., Round Up Biactive. At times the most pragmatic approach may also be to remove weeds using manual removal such as digging out plants or scalping the top layer of soil and the associated seed bank in these instances, restoration will be required. is important that an adaptive approach to management is taken to ensure outcomes are achieved and long-lasting.

If the weed control activities involve digging or ground disturbance an Aboriginal Heritage Assessment may be needed. The Dial Before You Dig referral service can assist landowners determine whether there is a need to seek further advice about the presence of Aboriginal relics in an area. An Unanticipated Discovery Plan should always be kept on site during the works. <a href="https://www.aboriginalheritage.tas.gov.au/">https://www.aboriginalheritage.tas.gov.au/</a>

A key component of successful weed management is a cooperation between landholders and land users to ensure a strategic approach. Legally, landholders and land users are responsible for weed management, and collective action is necessary where boundaries meet and adjacent landholders' impact upon or are impacted by others. Similarly, cooperation between government agencies and landholders is vital to establish the research, educational and legislative framework required for successful weed management.

This plan focuses on council and landholder responsibilities including the General Biosecurity Duty however, additional efforts will be made to ensure that all stakeholders are engaged and informed of weed control activities to develop a collaborative approach across the municipality and between municipalities.



Image: Patterson's Curse, Derwent Catchment Project, 2022

## An adaptive and innovative approach to weed management

Different land managers will have different approaches to controlling weeds, and the plan recognises that controlling weeds by using chemicals is not always the preferred or best approach. Suppressing weed growth through grazing, fire and mechanical control can be effective if used singularly or in combination with chemical control.



Image: Tea Tree, Brighton municipality, Brighton Council, 2022

Pre-emptive controls such as hygiene practices and public awareness are effective at reducing weed spread. Creating policies and procedures to reduce the possibility of weed spread through dirty vehicles, machinery, and persons will stop the spread of weeds, resulting in a reduction of follow-up weed treatment. Engaging with the public and land managers to identify and treat weeds is essential for preventing and reducing the general weed burden. To support the implementation of this plan's objectives, the Derwent Catchment Project regularly produces interpretation material about weed management and best practice to help raise awareness and support on-ground outcomes on private land.

## Changing context of managing weeds

Climate change is already influencing the spread of weeds as witnessed by the increase in fires and 2016 floods in Tasmania. These events require a reactive management response that is not generally budgeted and can absorb resources from strategic programs. However, more frequent and intense fire events provide a complex management challenge, where wind-dispersed weed infestations are nearby.

These events, coupled with changes in structure and composition of ecosystems, are impacting the condition of native vegetation communities.

Climate change is also modifying how plants behave. The growing seasons are changing which will impact when and how weeds can be treated. Changes in weather may also impact the effectiveness of herbicides. Drought-stressed plants will thicken their leaf cuticles resulting in a restriction in the uptake of the herbicide. With the shift in climate, invasive plants will continue to move south on the mainland; however, in Tasmania, we will see an increase in the dispersal of drought-tolerant grasses such as serrated tussock and Chilean needle grass, with the latter posing a major threat due to its expanded temperature range (AdaptNRM, 2014).



Image: Bushfire is one of Brighton's key climate change impacts, Stock image 2022

Further local climate change impacts information can be found in the Information for Decision-Makers Report 2019, available at the Brighton Council website: <a href="Environment-Brighton">Environment-Brighton</a> council



Image: Boneseed weed removal, Old Beach Clean Up Australia Day March 2022. Brighton Council, 2022



Image: Boneseed weeds, Derwent Catchment Project 2022

The Brighton municipality is one of the fastest expanding regions in southern Tasmania and will likely see further growth in tourism, agriculture, and urban development. New developments and expansion pose a threat for weed management as land-use change can lead to weed biological material being disturbed and spread around the municipality if hygiene protocols are not strictly observed.

## Brighton Council weed management program scope

## Plan objectives

Brighton Council's weed management strategy objectives are:

- Map the distribution of weeds within the Brighton municipality
- List regional priorities and how they align with Brighton Council's strategic plans
- Develop weed eradication zones for the next five years
- Provide estimates on costs to perform weed management within the Brighton municipality

This weed management plan is a living document that can be adapted to include new information and changing weed management requirements. The plan seeks to align with Brighton Council's 2050 vision to ensure works completed on-ground contribute to the holistic management of the municipality.

## Key stakeholders

**Brighton Council** is the principal manager of local community infrastructure, including roads, waste collection, public recreation facilities and area planning. The council is responsible for weed management across council-owned land and council managed roads.

Crown Land Services (CLS) facilitates the appropriate management, use and development of Crown land, including the licensing, leasing, and sale of Crown properties. CLS is also responsible for the management of unallocated Crown land.

**Department of State Growth** is responsible for maintenance and works along the State managed road network.

The Parks and Wildlife Service (PWS) manages a range of reserved lands, including national parks, regional reserves, and conservation areas across Tasmania.

Tas Networks is a Tasmanian Government Business Enterprise that supplies power from the generation source to homes and businesses through a network of transmission towers, substations and powerlines. They undertake weed control and vegetation maintenance under transmission lines as part of their contract as land managers

Tas Rail is a Tasmanian Government Business Enterprise that manages and operates on the rail network. As part of the management of rail corridors, Tas Rail is responsible for vegetation management along rail corridors and infrastructure such as rail yards.

Tas Water is Tasmania's water and sewage utility and has infrastructure across the municipality.

## Survey methodology

Weed distribution data (points and polygons) were collected using Global Positioning System (GPS) & Geographical Information System (GIS) by vehicle along maintained roads, council land and private land adjacent to roadways in core areas of the municipality. State Growth roads were also mapped where possible to capture a holistic picture of weed distributions. The survey was conducted during late spring.

Information was collected on the area occupied by the weed, the number of individuals and the infestation density, in accordance with the Natural Values Atlas record proforma (DPIPWE).

The focus of the mapping was declared weed species listed under the Tasmanian Weed Management Act 1999. Other weeds of significance were captured to create a more comprehensive picture of the extent of commonly occurring invasive species. Where recent records exist in the Tasmanian Natural Values Atlas (NVA) on land beyond roadsides, this information has been included to build a broader understanding of weed distribution. We have also erred on the side of caution and included records of species recently recorded in the NVA but which may not have been observed due to seasonality.

The following list of recorded weed species is categorised as to whether they are: declared under the Weed Management Act 1999; recognised environmental weeds; or introduced species which are non-declared weeds. These non-declared species are often weeds of roadsides and degraded areas. In some instances, thistle mapped is representative of thistles that were treated in 2021. This has been done to rectify issues with the weed survey timing, and the sites will require follow-up treatment due to the longevity of thistle sites.

## Regional priorities

The survey results showed a variety of weeds across the Brighton municipality with varying levels of threat. To help guide the prioritisation of weed control, the key themes from the 2050 Vision for Brighton have been combined with a strategic weed management approach. The key themes and the appropriate sub-themes that were selected can be seen below.

## A good life at every age

- Supporting opportunities for recreational and leisure for everyone.. 'green space'
- Creating child friendly environments including parks and playgrounds

## A proud community

- Inspiring pride in where we live
- Building connections with communal events spaces

## A thriving place

- Enabling major infrastructure project for a growing community

## A caring council

- Matching infrastructure and services as our population grows
- Managing efficient and cost effective regulation, design and planning for growth, affordability and amenity

## A comfortable home

- Ensuring safe, clean and tidy neighbourhoods
- Boosting community health and wellbeing
- Ensuring an abundance of trees and open spaces in urban areas
- Maintain a semi-rural feel with views of the Mountain and river

Image: 2050 Vision, Brighton Council, 2022

## Promoting weed awareness

Successful weed management depends on everyone work together. Helping people identify weeds and understand their impacts is a critical first step in minimising weed spread and reducing the risk of new introductions. Schools, community groups and existing stakeholder networks can help promote weed awareness.

Fostering a collaborative approach where different stakeholders share, knowledge, experience and expertise about weeds and effective weed management increases the community's capacity to undertake safe and effective control works and to manage weeds across tenure.



Image: Landcare Tasmania and MONA's Botanic Institute working together to replant the Eddington Street, Derwent Foreshore Area, National Tree Day, Brighton Council 2021

Promoting weed awareness and facilitating community participation in weed management builds support for weed management programs. Evidence of community and stakeholder support is often requested to support applications for weed funding.

High value conservation areas – facilitating community involvement in the recognition and removal of weeds such as boneseed, blackberry, sweet briar and boxthorn will reduce impacts on the natural values

Agricultural and horticultural regions – Weeds such as Chilean needlegrass and serrated tussock are often hard to identify, particularly at different times of the year. The more people who have learnt to recognise these weeds and are actively controlling them, the greater the chance of reducing their spread and impact.



Image: African Boxthorn, Derwent Catchment Project 2021

For smaller hobby farms and rural residential properties, landholders may not be aware of some of the biosecurity risks associated with the movement of hay, straw and livestock and may inadvertently be spreading weeds.

In residential areas, educating people about the impacts of dumping garden waste and controlling weeds, such as African boxthorn, in their backyards, can reduce the impacts on and improve the amenity of surrounding areas.

For industrial and commercial areas where there is movement of machinery and equipment increasing awareness of how weeds travel and the importance of good hygiene practices can also help reduce the spread. For annual weeds such as Paterson's curse it is important to know where infestations have been. Although the plants may not be visible at all times of year, the seeds will remain in the soil ready to be transported by machinery and slashers moving from one area to another.

Weed alerts. With changes in climate it is predicted that new weeds will arrive and thrive in Tasmania. Building a network of people interested in weeds and reporting possible incursions is a great way to identify weeds and trigger early interventions to prevent new weeds becoming established.

## Protecting high-value conservation areas

2050 key themes: A sustainable environment – nurturing natural place for people and wildlife, A proud community – inspiring pride in where we live

Brighton is located along the foreshore of the Derwent estuary and is the interface between urban and rural landscape and has unique habitat. The Dromedary saltmarshes (located at the western end of the Brighton municipality) and the saltmarshes near the Jordan River/Gagebrook are critical habitats. Saltmarshes are wetland habitats generally defined by the presence of halophytic communities (salt-tolerant plants) that can tolerate high salinity levels and are subject to waterlogging. The saltmarshes provide ecosystem services such as supporting biodiversity, including crucial feeding, roosting and breeding habitats for resident and migratory shorebirds, water birds and many terrestrial bird species, providing feeding, resting and nursery habitat for fish.



Image: Saltmarsh area Old Beach Derwent River foreshore. Brighton Council, 2022

Saltmarshes also provide human-centric benefits including providing flood protection and tidal surge, improving the coastal water quality by intercepting land-driven nutrients and stabilising nutrient flows and reducing the likelihood of nutrient spikes in the system that can cause algal blooms; intercepting and settling down suspended sediments in the water column, which is critical for maintaining and enhancing coastal water quality; and for providing opportunities for recreation and education. Ensuring saltmarshes have low weed burden will allow them to function to their fullest and benefit the ecosystem. Climate change poses risks to saltmarshes by sea-level rise, which will force saltmarshes further inland. In some instances, saltmarshes will not be able to migrate due to steepness and/or infrastructure. It is essential to ensure that future locations are free of weeds to mitigate future weed management and allow minimal disturbance to native vegetation in areas where migration is possible.

Another valuable ecological community is wetlands which found throughout the Brighton municipality. Natural and artificial wetlands provide habitat for local wildlife, add visual appeal to an area and can provide essential ecosystem services such as treating stormwater if used correctly. The Derwent estuary has lost most of its wetlands to development, land clearing and altered waterflow changes. Wetlands like saltmarshes pose a challenge when managing weeds as herbicide use should be kept to a minimum and only aquatic safe chemical should be used. Keeping wetlands free from weed and maintain weed free creeks, streams, and rivers means that likelihood of weed infestation is reduced.

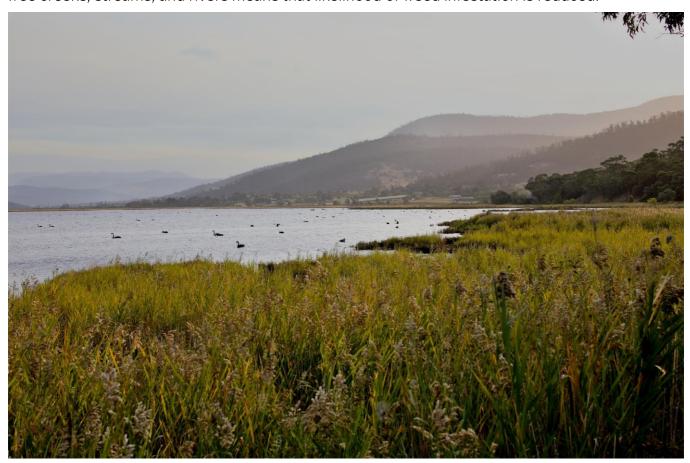


Image: Riverside Drive, Bridgewater. Brighton Council, 2022

## Protecting agricultural and horticultural regions

2050 key themes: A sustainable environment – supporting locally grown fresh products

Brighton municipality supports a wide range of horticultural growers, including cherry farms and a growing collection of vineyards. The locality of the region to other wine regions and Hobart in a combination of climate makes Brighton an ideal vineyard producing landscape. Weeds can pose a risk through competition for nutrients and land. Climate change is adding a layer of management complexity for existing and new weeds to the region and will also increase the chances of biosecurity hazards such as fruit fly entering Tasmania. Managing weeds that are alternative hosts to fruit fly means that there is less chance of fruit fly being able to establish in the region. The DCP has developed a biosecurity plan for the Derwent Catchment, and this plan has the potential to be expanded into the Brighton municipality.

Another key threat for agricultural and native areas are the invasive Nassella grass species which can invade grasslands and pasture reducing productivity. These grasses can also contaminate crops including hay, and the seeds can injure livestock, in particular sheep. The two main species of concern are Chilean needle grass (Nassella neesiana) and Serrated Tussock (Nassella trichotoma), both are declared weeds within Tasmania and are Zone A weeds for Brighton municipality. Early detection and eradication are a priority for these invasive grasses.

Agriculture is an important component of Brighton municipality's industry and weeds can have a big impact on the sector's profitability. It is important that farmers, both commercial and hobby, are supported with awareness, knowledge and skills to identify and control weed pests on their land and can collaborate across property boundaries to address threats.



Image: Cherry orchard, Samuel Shelley, 2019

## Maintaining green spaces and promoting pride in the area people live

The 2050 vision themes: as A comfortable home, A sustainable Environment, A caring council, A good life at every age, A proud community

Weeds can quickly dominate desirable green spaces, reduce the habitat and health benefits for the public, restrict access for walk/bikeways, decrease views, create fire hazards, and increase the workload for park maintenance teams. This weed plan will identify where weeds are decreasing the benefits of green spaces and non-vehicle transitways and prioritise weeds that have the most significant impact.



Image: Brighton cycle and walkways, Samuel Shelley 2019

## Futureproofing for infrastructure and urban development and asset management

2050 key themes: a thriving place – enabling major infrastructure for a growing community

Infrastructure and urban development are two activities that are set to increase in the Brighton municipality and will impact how weeds grow and spread around the municipality. In addition, earthworks and the associated machinery can become contaminated with weed material and act as vectors to spread weed. Understanding and knowing what weeds are in current industrial and urban environments will give town planners and developers greater confidence and create procedures that will help reduce the spread of weeds.

The industrial hub is an area of concern, as the survey showed a large infestation of weeds with a high potential for dispersal. The industrial area has high traffic volume and vehicles going onto undeveloped areas (unused lots) where they can unintentionally pick up seeds or contaminated dirt. These vehicles are likely to then drive to other areas being developed and spread biological material creating new weed hotspots.

## **Eradication** zones

Figure 1 shows an overview of the eradication zones suggested for the Brighton municipality. Detailed maps of the weed eradication zones can be found in Appendix I Weed eradication zones.

## Appendix I Weed eradication zones

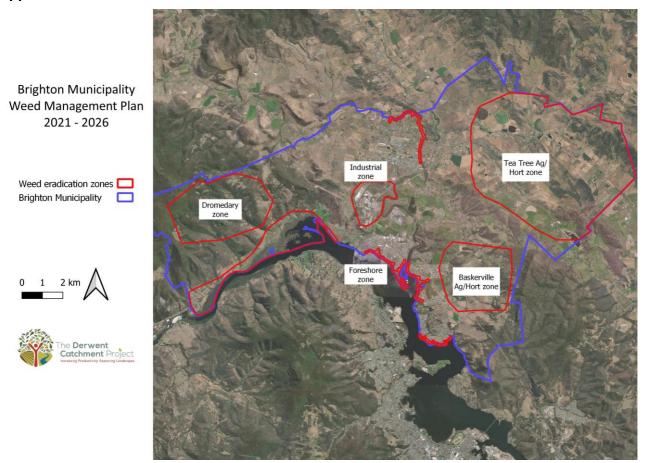


Figure 1: Overview weed eradication zones. Derwent Catchment Project, 2022

#### Zone 1: Estuary

The estuary zone has been selected to help protect the ecologically sensitive wetlands along the riverbanks of the Derwent River. The estuary zone will also complement the eradication zone of the Derwent Valley Council and help protect the entrance road corridors to the Tasmanian Wilderness World Heritage area from the urban regions. The Derwent Estuary Program has a strategic weed working group that focuses efforts along the foreshore, benefiting any works conducted within the estuary eradication zone. The stakeholders include State Growth, Tas Rail, Crown Land Services, Parks and Wildlife Services, Brighton Council, and private landowners.

#### Zone 2: Dromedary

The Dromedary zone is a densely populated peri-urban area that borders the Mount Dromedary Forest Reserve. The zone does not have many roads, and the current weed burden is at a manageable level. Environmental weed species such as Foxglove are not yet declared but are becoming a management issue in the zone and would quickly infest the area without active control.

By managing weeds along the roads and encouraging landholders to manage on their land, there will be a reduced cost in the long-term. Stakeholders include Parks and Wildlife, Brighton Council, and private landholders.

#### Zone 3: The Industrial Hub

The hub is projected to grow substantially and therefore it is essential to manage and control the weed burden currently within this zone. The industry and traffic within the area are key vectors for weed spread especially the likelihood of seed to be collected on vehicles leaving unmanaged 'empty' blocks. The rail corridor also traverses this zone and has the potential to spread weeds into other zones. Stakeholders include Tas Rail, State Growth, Crown Land, Brighton Council, and private landholders.

#### Zone 4: Foreshore/Walking trails

As part of maintaining green spaces and promoting pride in the areas where people live, the walking trails along foreshores and the Jordan River have been selected as weed management zones. Reducing weed burden will reduce the number of resources needed to manage vegetation around pathways whilst ensuring the pathways themselves provide a safe and enjoyable feeling for users. These zones will also help protect the ecological communities in the associated wetlands. These wetlands are of high value to Tasmania and provide critical habitat for local wildlife. Reducing the weed burden on the riverbanks means native vegetation will not be outcompeted and will allow for natural regression away from rising seawater levels. Stakeholders include Crown Land Services, Parks and Wildlife Services, Brighton Council, and private landholders.

## Zone 5: Agriculture and Horticulture

These zones are based on providing protection to the agricultural and horticultural industries in the municipality's eastern region. A few key roads act as vectors to neighbouring agricultural/horticultural regions and managing weeds along the roads will help reduce any potential creep from neighbouring municipalities. Invasive grasses are likely to gain more habitat through the increase in temperatures from climate change and could cause economic and environmental issues if they creep into paddocks through the road corridors. Weed management of alterative fruit-fly hosts such as Blackberry and Sweet Briar will help manage any potential future fruit-fly outbreaks. Stakeholders include Tas Rail, State Growth, Brighton Council, and private landholders.

#### Limitations

Although all care was taken to capture data of weed locations, the nature and timing of this survey (being undertaken by a vehicle driving slowly along the road in late summer and early autumn) means the possibility of smaller stature weeds, some grasses and weeds not in flower may have been overlooked.

Due to budget constraints, a comprehensive survey across all land tenures was not possible. To address this, weed distribution data in the Natural Values Atlas was added to data collected during the survey. As a result, it will not be comprehensive, and many weeds will have a more extensive distribution than mapped in this process. However, based on the available information, we can only plan and treat this document as a living document to be added to when new priority weeds and locations for control arise.



Image: Weeds can contaminate crops. Samuel Shelley, 2022

## Cause of weed spread

Weeds are typically spread by propagules which can be transported by wind, water, animals and people. Understanding the life cycles of weed species is vital in implementing effective management. Whilst there are natural causes of weed spread, a growing threat is seed distribution via vehicles and machinery. Currently, there is a lack of hygiene implementation in the municipality, which is contributing to the weed spread. Training and educating personnel and the community in how vehicles and machinery can be vectors is crucial to reducing weed infestations and limiting large-scale distribution. The establishment of washdown facilities in key locations would also help to address the current limitations in hygiene practices. A detailed description of weed spreading activities can be found in Appendix IV Causes of weed spread.

## Results

Table 1 Weed species recorded in the Brighton municipality

Species name	Common name	Status
Acacia baileyana	Cootamundra wattle	Environmental weed
Amsinckia <i>calycina</i>	Yellow Burrweeds	Declared
Carduus pycnocephalus, C. tenuiflorus	Slender Thistle	Declared
Chamaecytisus palmensis	Tree lucerne	Non-declared
Chrysanthemoides monilifera	Boneseed	Declared
Conium maculatum	Hemlock	Environmental weed
Coprosma repens	Mirror bush	Environmental weed
Cotoneaster glaucophyllus	Cotoneaster	Environmental weed
Cytisus scoparius	English broom	Declared
Digitaria purpurea	Foxglove	Environmental weed
Echium candicans	Pride of madeira	Environmental weed
Echium plantagineum	Paterson's curse	Echium plantagineum

Eragrostis curvula	African lovegrass	Declared
Foeniculum vulgare	Fennel	Declared
Genista monspessulana	Montpellier broom	Declared
Kniphofia uvaria	Red hot poker	Environmental weed
Lepidium draba	Whiteweed	Declared
Lycium ferocissimum	African boxthorn	Declared
Malva parviflora and M. sylvestris	Mallow	Non-declared
Marrubium vulgare	Horehound	Declared
Nassella neesiana	Chilean Needle Grass	Declared
Nassella trichotoma	Serrated Tussock	Declared
Opuntioid Cacti	Prickly pear	Declared
Paraserianthes lophantha	Cape Leeuwin wattle	Environmental weed
Pinus radiata	Pine	Environmental weed
Rosa rubiginosa	Sweet briar	Non-declared
Rubus fruticosus	Blackberry	Declared
Salix species	Willow	Declared
Sollya heterophylla	Bluebell creeper	Environmental weed
Ulex europeaus	Gorse	Declared
Verbascum thapsus	Mullien	Environmental weed
Vicia major	Blue periwinkle	Environmental weed
Zantedeschia aethiopica	Arum lily	Environmental weed

## Sites significant as seed sources

The weed survey identified species across the whole Brighton municipality however there are three locations that pose a threat as sites of significant sources of seed and biological material. Whilst these areas may not be feasible control straight away due to resource constraints it is important that management plans be created for them. Having strategic plans to manage these locations will ensure the weed control efforts elsewhere are not compromised or hindered by these weed infested areas.

The land surrounding the potable water storage above Jordan River and underneath the transmission lines is heavily infested with a wide range of weeds. The area is hilly with a network of vehicle tracks running through it, making it hard to manage. This area is a risk as there was no locks on the boom gates controlling access and persons can be entering the site and leaving with seeds and material attached the vehicle. Hygiene protocols for work vehicles would also have to be assessed for all stakeholders to ensure weeds are not being transported.

Brighton municipality is in the process of developing and increasing urban and industrial areas which poses management issues if the weeds on these sites are not treated correctly. Invasive grass species can hide within the grasslands and their seeds can be transported around the municipality especially when earthworks are undertaken. It is advised that future developments undergo a thorough weed inspection and treatment if required with the appropriate hygiene protocols followed.

The willows along the Jordan River in Pontville pose a significant management challenge. Due to the infestation and density, there would be removal costs of over \$50,000. This cost relates to the amount of biological material that would be left standing once the trees were poisoned; this would pose a risk to the public walking along the tracks. To best manage this weed burden it is advised that external funding such as grants be applied for.

# Action table summary

Below is a summary of the works required by each stakeholder for each eradication zone. A detailed list of the weeds surveyed within the Brighton municipality and the estimate cost for control and management can be found in Appendix I. Weed surveys could not be conducted across all stakeholders managed land and therefore have been left blank. Further surveys will be required to develop a complete cost for all stakeholders.

Table 2 Summary of weed management for each stakeholder

Stakeholder	Eradication zone	Hours (Year 1)	Cost (including Traffic management if needed)
	Estuary	5	700
	Dromedary	7	1450
Brighton council	Foreshore	192	26880
Brighton council	Industrial	7	980
	Agriculture/Horticulture	28	7870
			Total \$37,880
	Estuary	16	5400
	Dromedary	-	-
State Growth	Foreshore	-	-
	Industrial	4	750
	Agriculture/Horticulture	4	1350

			Total \$7500
	Estuary	TBC	TBC
	Dromedary	-	-
Dept. of Natural Resources and	Foreshore	40	5600
Environment Tasmania	Industrial	-	-
	Agriculture/Horticulture	-	-
			Total \$5600
	Estuary	80	12,000
	Dromedary	-	-
Tas Rail	Foreshore	-	-
Tas Naii	Industrial	TBC	TBC
	Agriculture/Horticulture	TBC	TBC
			Total \$12,000

# Appendix I Weed eradication zones

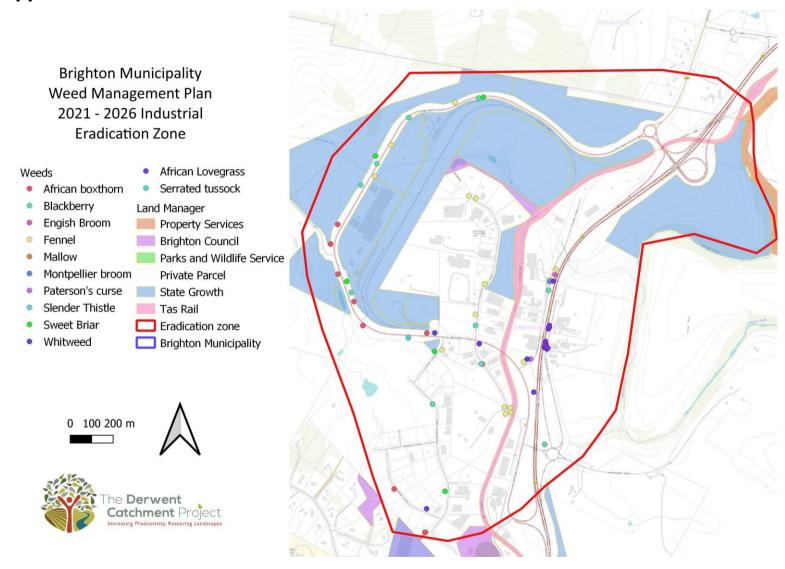


Figure 2: Industrial weed eradication zone, Derwent Catchment Project, 2022

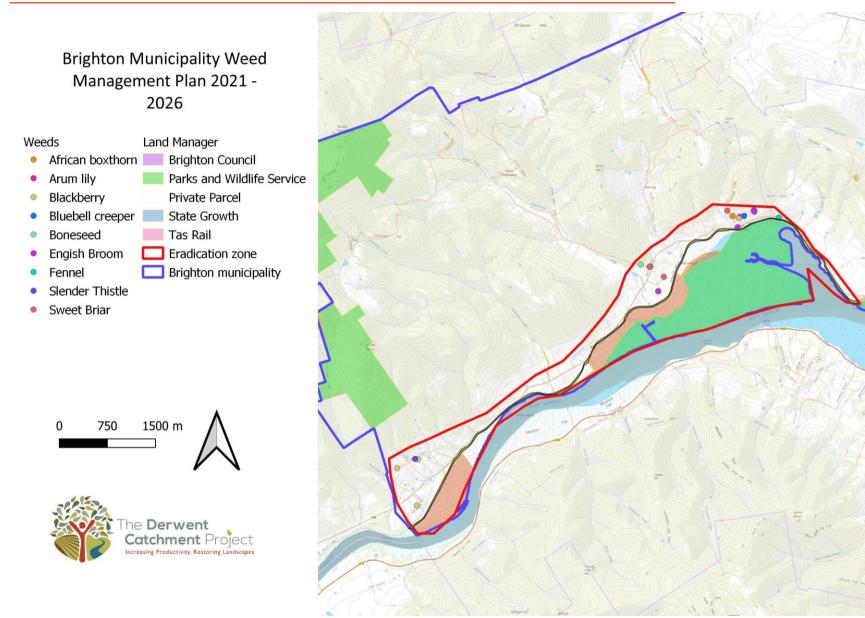


Figure 3: Estuary weed eradication zone, Derwent Catchment Project, 2022

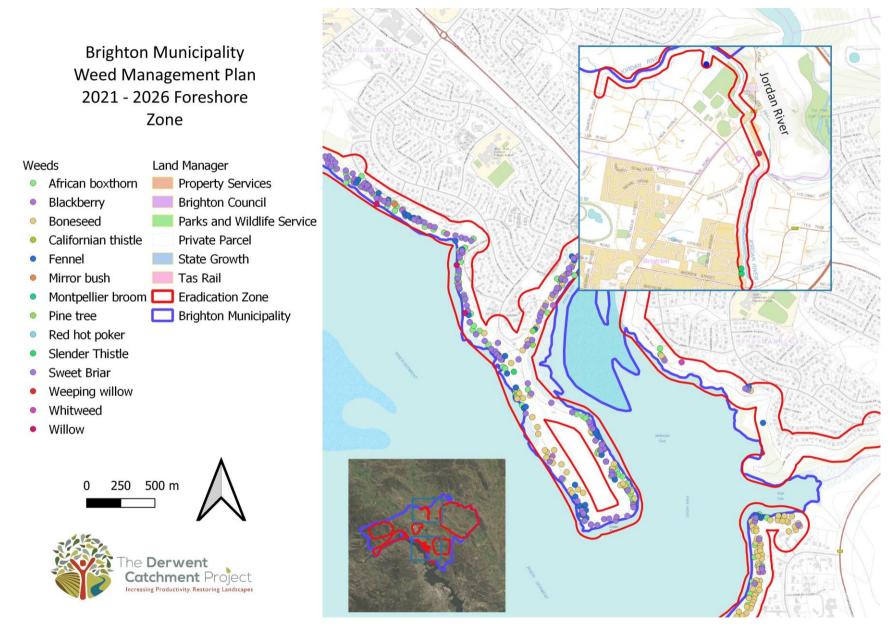
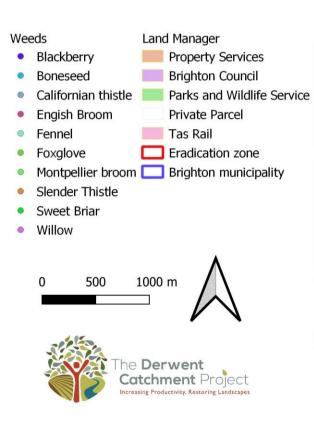


Figure 4: Derwent River foreshore weed eradication zone, Derwent Catchment Project, 2022

## Brighton Municipality Weed Management Plan 2021 -2026 Dromedary Zone



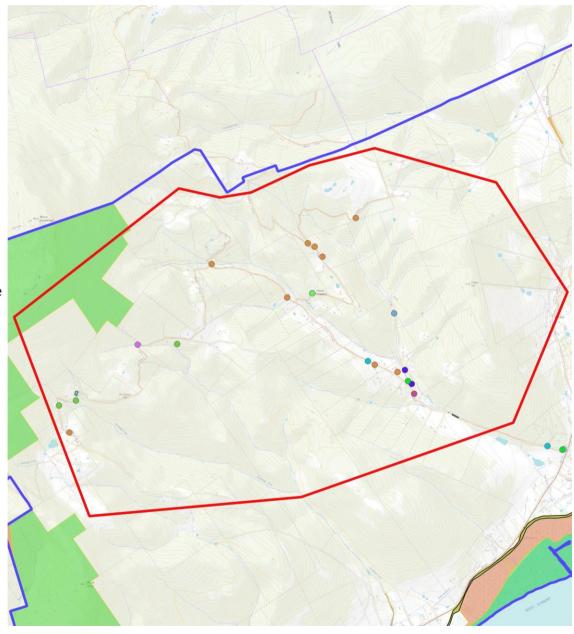


Figure 5: Dromedary weed eradication zone, Derwent Catchment Project, 2022

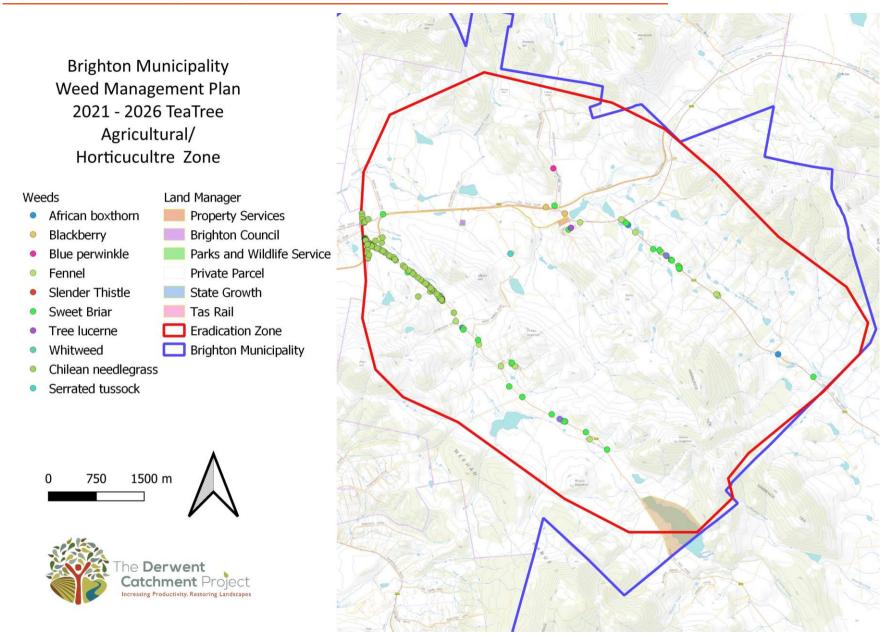


Figure 6: Tea Tree agricultural weed eradication zone, Derwent Catchment Project, 2022

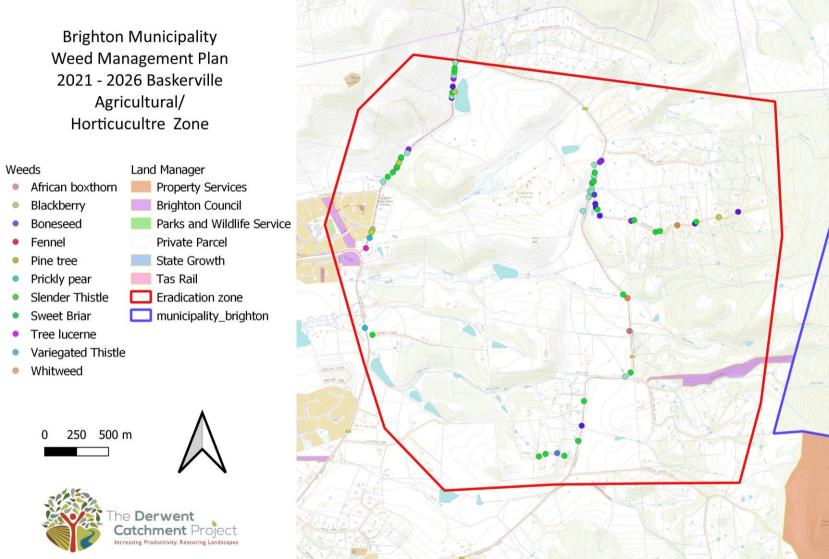


Figure 7: Baskerville weed eradication zone, Derwent Catchment Project, 2022

# Appendix II Stakeholder action tables

Cost have been calculated as a 2 person team, for 8 hours, at a total cost including chemical of \$1200/day. Traffic management has been calculated at \$1500/day.

# Brighton Council weed action table

See attached spreadsheet – Appendix V

# Department of State Growth weed action table

												1		
Weed	Eradication Zone	Site in Eradicati on zone	Eastin g	Northi ng	Year 1	\$/Hr	Year 2	\$/Hr	Year 3	\$/ Hr	Ye ar 4	\$/H r	Ye ar	\$/H r
English Broom	Estuary	Boyer Road	515812	52695 41	Control with Traffic	5400/	Follow up with Traffic	5400/	Monit	DC		ermin by	Dete ed by	
Variety of weeds	Estuary	Boyer Road	516456 .4	52696 92	managem ent	16	managem ent	16	or	Р		itorin g	moni g	torin
African boxthor n	Industrial	Glenston e Road	518899 .5	527011 9										
African boxthor n	Industrial	Glenston e Road	518486 .4	52703 94										
African boxthor n	Industrial	Glenston e Road	518601. 8	527015 5										
Blackber ry	Industrial	Glenston e Road	519466 .1	527031 9										
Blackber ry	Industrial	Glenston e Road	518815. 3	527112 2	Control	750/4	Follow up	750/4	Monit or	DC P	ed	ermin by itorin	ed	ermin by itorin
Blackber ry	Industrial	Glenston e Road	518666 .8	52709 08					O1	,		g 5		g
Blackber ry	Industrial	Glenston e Road	519140	527121 3										
Fennel	Industrial	Glenston e Road	518734 .2	52709 96										
Fennel	Industrial	Glenston e Road	519030 .3	527119 3										
Sweet Briar	Industrial	Glenston e Road	518526 .1	52703 60										

Sweet Briar	Industrial	Glenston e Road	519162. 6	527121 7								
Fennel	Industrial	Glenston e Road	519289 .3	52697 51								
Whitewe ed	Industrial	Glenston e Road	519143. 2	52700 70								
Blackber ry	Agriculture/Hortic ulture	Tea Tree Road	52702 6.5	52735 71	Control with Traffic	1350/ 4	Follow with traffic managem	1350/ 4	Monit or	DC P	Determin ed by monitorin	Determin ed by monitorin
Fennel	Agriculture/Hortic ulture	Tea Tree Road	527562	52733 34	managem ent	7	ent	<b>T</b>	Oi	'	g	g
Sweet Briar	Agriculture/Hortic ulture	Tea Tree Road	524475 .6	52734 61								

## Tas Rail weed action table

Weed	Eradication Zone	Site in Eradication zone	Easting	Northing	Year 1	\$/Hr	Year 2	\$/Hr	Year 3	\$/Hr	Year 4	\$/Hr	Year	\$/Hr
Variety of weeds	Estuary	Rail corridor	516456	5269692	Control	1200/80	Control	1200/80	Monitor	DCP	Deter b monit	У	Deter b monit	

## Crown Land Services weed action table

Weed	Eradication Zone	Site in Eradication zone	Easting	Northing	Year 1	\$/Hr	Year 2	\$/Hr	Year 3	\$/Hr	Year 4	\$/Hr	Year	\$/Hr
------	---------------------	--------------------------------	---------	----------	--------	-------	--------	-------	--------	-------	-----------	-------	------	-------

African boxthorn	Foreshore	Foreshore	521596.8	5266139								
African boxthorn	Foreshore	Foreshore	521643.1	5266140								
African boxthorn	Foreshore	Foreshore	521653.3	5266139								
Boneseed	Foreshore	Foreshore	521642.8	5266128								
Boneseed	Foreshore	Foreshore	521670.3	5266146								
Boneseed	Foreshore	Foreshore	521677.7	5266124								
Boneseed	Foreshore	Foreshore	521728.8	5266115								
Boneseed	Foreshore	Foreshore	521713.9	5266102								
Boneseed	Foreshore	Foreshore	521717.6	5266087								
Boneseed	Foreshore	Foreshore	521685.9	5266119			Follow				Determined	Determined
Boneseed	Foreshore	Foreshore	521735.8	5266103	Control	5600/40	up	2800/20	Monitor	DCP	by	by
Boneseed	Foreshore	Foreshore	521644.7	5266147							monitoring	monitoring
Boneseed	Foreshore	Foreshore	521661.6	5266124								
Boneseed	Foreshore	Foreshore	521553.6	5266138								
Boneseed	Foreshore	Foreshore	521610.1	5266128								
Fennel	Foreshore	Foreshore	521556.7	5266148								
Fennel	Foreshore	Foreshore	521564.7	5266143								
Fennel	Foreshore	Foreshore	521551.3	5266147								
Fennel	Foreshore	Foreshore	521559.9	5266144								
Fennel	Foreshore	Foreshore	521571.4	5266138								
Sweet Briar	Foreshore	Foreshore	521729.4	5266107								
Sweet Briar	Foreshore	Foreshore	521549.7	5266137								

### Appendix III Weeds in the region

Below are the details of the major declared weeds within the region and environmental weeds that are of concern.

African boxthorn (*Lycium ferocissimum*) is a woody shrub reaching up to 4 m in height, with glossy leaves and an extensive root system incorporating a long-branched taproot. The trunk and branches are light brown and smooth when young, turning darker brown or grey with age. The twigs end in a hard, sharp spike or thorn.

The white flowers are usually produced in summer, although flowering can occur through most of the year. The fruit is an oblong berry approximately 10 mm long, going from a smooth green appearance to bright orange-red when ripe. Fruits contain numerous small, oval, flattened seeds. Seeds germinate at any time of the year and generally take two years to reach flowering stage (DPIPWE 2016).

African boxthorn is found throughout most agricultural areas of Tasmania it is common along fence lines and beneath overhead wires as well is a long roadsides railways and waterways. Recent surveying around the Brighton municipality showed that African boxthorn is widespread and dominating in some areas. The Statutory Weed Management Plan for African Boxthorn indicates this species is classed as Zone B - 'widespread infestations' requiring containment and control. It is important that urban households are involved eradication and educated on the issues around African boxthorn as it was noted to be regularly in residents' yards.

African lovegrass (*Eragrostis curvula*) African lovegrass is a densely tufted, perennial (long-lived) grass growing from 30 to 120 cm high. The leaves are dark green to blue-green, narrow, and 25 to 35 cm long. The flowering stems rise above the tufted leaves and carry a loose fanlike grey-green flower-head. African lovegrass prefers disturbed soils on roadsides, riverbanks, and waste places, from which it can invade adjacent degraded pastures and native grasslands. African lovegrass is generally unpalatable, produces copious seed, and can rapidly spread over and dominate degraded pastures.

African lovegrass was not recorded on the recent survey conducted for this weed management plan however, it has been identified within the municipality and it is a Zone A weed for Brighton, requiring early detection and control. It is important that African lovegrass does not establish itself within Brighton municipality.

Blackberry (*Rubus fruticosus*) are spiny, perennial (long-lived) shrubs with trailing stems which can produce dense thickets. The canes may be erect, arching or trailing and they can reach 6 m in length. Blackberries thickets can reach two or more meters in height and cover many square meters in area. Blackberries were noted in most drainage/creek areas within the Brighton municipality.

Boneseed (*Chrysanthemoides monilifera*) It is a perennial evergreen shrub, which can grow up to three metres in height and width. It has woody branched stems and oval shaped leaves, with irregularly serrated edges with bright yellow flowers with 5 to 8 petals. Its success is due to its vigorous growth, aided by an absence of natural predators, and the ability to regenerate quickly and outcompete other species, especially after soil disturbance or fire. It is common on roadsides and quarries where mechanical disturbance has occurred.

Boneseed was recorded in high numbers across most of the municipality usually growing with African boxthorn along fence lines, roads, and within people's properties. It was also in large numbers along the Derwent River foreshore competing against native plants.

Blue periwinkle (*Vinca major*) has broad-leaved runners that form a dense mat, shading out native plants and competing for moisture and nutrients. Its growth is particularly vigorous in riparian and other moist habitats. It competes with native plants for moisture, light, nutrients and recruitment niches. Its growth is particularly vigorous in riparian and other moist habitats. Once established, periwinkle's rampant growth is very difficult to control, especially in bushland. Blue periwinkle is native to the Mediterranean region. It is widespread in Tasmania but does not extend into the alpine zones. Blue periwinkle spreads by means of creeping stems that take root at the nodes and tips. New infestations can establish from plant fragments when broken off and transported by dumping of garden waste, soil movement or floods and mowing. It spreads from gardens, roadsides, nature strips, firebreaks, fence lines and neglected rubbish dumps into the bush and along waterways. Although Blue periwinkle is a non-declared weed and has limited distribution currently it has the potential to takeover although damp areas if it continues to be transported around by roadside slashing. An educational campaign for private contractors about good hygiene practices would help reduce its spread.

Chilean Needle Grass (Nassella neesiana) is a perennial (long-lived) tussock-forming grass growing to 1 metre in height. The leaves are 1 to 5 mm wide, flat and strongly ribbed on their upper surface, with leaf edges that are rough to touch. The flowering seed heads are a distinctive purplish colour, and the seeds are very sharp at the point. Chilean needle grass flowers mainly from September to December but can flower year-round. Seed is formed about one month after flowering and most seed has been dropped by February. Seeds mainly germinate in autumn and spring. Spread is by seed. In addition to the normal flower (panicle) seeds, Chilean needle grass produces hidden seeds which are formed in the nodes and bases of the flowering stems. These 'stem seeds' are self-fertilised and account for about one-quarter of total seed production. They enable the plant to survive despite grazing, slashing and fire. Chilean needle grass seeds can persist in the soil for many years even if further seed input is prevented. The seeds are spread by farm machinery, clothing or livestock, by roadside mowing and earthmoving equipment, and by floodwaters. No new sightings were made during the recent survey conducted for this weed management plan however, it is important that known sites are monitored and controlled as required.

Foxglove (*Digitalis purperea*) is a biennial herb with a rosette of soft, blue-grey hairy leaves that produces a tall flower spike of white, pink or purple tubular flowers with dark mottling. It can be dispersed by wind, water, and soil because it has very small seeds. It invades wet forests, riparian and alpine areas, where it replaces native herbs. Extremely toxic to livestock and humans. It has a widespread distribution due to its popularity as a garden plant. It is typically mostly seen along roadsides and rivers in the mountains, and it can invade and become dominant. It is also difficult to control due to its toxic nature and persistence.

The main distribution of Foxglove was in the foothills of Mount Dromedary which has the perfect conditions for the Foxglove to become heavily infested.

There was evidence that a resident was currently potting up Foxglove and planting it around their yard as it was wallaby proof.

As Foxglove is not a declared weed, this situation must be handled in a sensitive way to ensure there are no long-term disputes. An educational program explain how and why Foxglove is a problem along with helping residents with selecting and planting natives to avoid wallaby grazing.

Fennel (Foeniculum vulgare), Fennel is a significant weed of open, exposed sites like roadsides, railways, wastelands, channels and drains which receive abundant water or runoff. Fennel is also grown as a commercial crop in Tasmania. Fennel is a declared weed in Tasmania under the Tasmanian Weed Management Act 1999. It was identified around most of Brighton municipality however, the largest infestations were along the Derwent estuary and within the industrial zone. It is important to control Fennel as its unusual chemical properties means that it not only outcompetes natives for space but it can make the area chemical unsuitable.

Horehound (*Marrubium vulgare*) was only located from a couple of surveyed sites although data from Natural Values Atlus indicates that is spread more widely than this survey noted. Horehound is weed of pasture and crops and is particularly troublesome in the Midlands grazing areas. Managing its creep into the municipality will require constant monitoring and management.

Gorse (*Ulex europaeus*) Gorse is a prickly evergreen shrub which may grow to a height and diameter more than 3 metres. All the stems and leaves end in a sharp spine. Gorse flowers are bright yellow pea-like flowers and are borne all over the plant. The buds develop during February and March, although flowering tends to occur in spring and autumn. Gorse bears large quantities of brown to black seed in grey, hairy pods. Gorse can quickly dominant agricultural and natural landscapes.

Gorse was only recorded in a few locations around the municipality however, it was noted as being mowed/slashed in some instances. The presence of mown/slashed Gorse means there is a high chance there are seeds in the ground and that seeds may been transported around roadsides. Gorse seeds can stay dominant in the environment for long periods and treated sites need follow up treatment and monitoring.

Paterson's curse (*Echium plantagineum*) occurs across Tasmanian agricultural areas as small, scattered infestations. It is a significant pasture weed. Paterson's curse is an erect plant around 60 to 90 cm high. Seedlings appear in autumn and develop into a rosette (a flat whorl of leaves close to the ground) in winter. One or several flowering stems are produced in late winter and flowering occurs in spring. Flowers are trumpet shaped and usually blue/purple but may be pink or white (DPIPWE 2016).

It is toxic to stock where is becomes dominant in pasture and when it is in flower. It can heavily invade disturbed areas becoming pervasive in degraded pasture. It is difficult to control with herbicide and opportunistic grazing before flowering can be an important tool for control. It is typically spread by machinery, livestock and livestock feed. There are historic sites which have received treatment in the industrial zone and along the Jordan River walking tracks. The recent survey showed that Paterson's curse is still at these locations and returning to its original size.

Serrated Tussock (Nassella trichotoma) Serrated tussock is a perennial (long-lived) tussock-forming grass with a deep root system. The leaves of serrated tussock feel rough (or serrated) if the finger and thumb are drawn down the blade. Flower stalks usually appear in spring but may appear earlier in dry years and later in wetter years.

A tussock in full flower presents a distinctly purple appearance due to the large number of purple florets. Serrated tussock is similar to several of Tasmania's native tussock grasses, and is frequently overlooked until it begins to flower, at which time it is easily recognisable. No new sightings were made during the recent survey conducted for this weed management plan however, it is important that known sites are monitored and controlled as required.

Slender Thistle (*Carduus pycnocephalus, C. tenuiflorus*) is a spiny, erect herb that grows to between 60 cm and 100 cm high. Another species of slender thistle. Mature slender thistles are upright plants that may branch considerably or be un-branched. The stems have white cobwebby hairs while the flower heads form a cluster on the end of the stem. Slender thistles form a rosette, (a whorl of leaves close to the ground), during winter, and only produce a flowering stem during late spring. Flowering and seed production occur in early summer and the life cycle is usually completed by the end of the year.

Sweet briar (Rosa rubiginosa) is a member of the rose family. It forms a deciduous shrub 1 - 3 m high with stems carrying prickles and bristles. Suckering occurs freely from the crown, and bushes often exceed 1 m in diameter at the base. The leaves have five to seven oval leaflets, each with serrated edges. The light pink flowers have a pleasant fragrance, while the fruit (called hips) are bright red when ripe and often have bristles. It often occurs along fence lines and is some instances had been formed into a hedge along roads within Brighton municipality. Sweet briar is not a declared plant within Tasmania however, it has the potential to be an alternative host for fruit fly. This is especially important within the Brighton municipality for the horticultural crops that occur close to known infestations and hedges of sweet briar.

Whiteweed (*Cardaria draba*) is closely related to crop plants such as cabbages and rapeseed. It is an erect, herbaceous (non-woody) plant growing to 90 cm high with white, umbrella shaped flower heads which appear in October and November. Individual flowers are 4 mm in diameter with 4 white petals (DPIPWE 2016). White weed appears to be spreading in the Highlands, especially along roadsides in the Bothwell area.

Whiteweed is a significant weed of crops in Tasmania, reducing yields through competition with crop plants for moisture and nutrients. It is very difficult to control once it has become established in cropping paddocks. Whiteweed is also thought to taint the meat and milk of grazing animals (DPIPWE 2016). It was identified around all of the municipality and is likely being spread as part of the roadside slashing programs.

Willow (Salix species) were recorded in most waterways and in some cases were becoming a monoculture. Willows have a drastic impact of river health and can cause localised flooding and erosion. Controlling willows can be difficult especially if there are large amounts of biological material which must be removed for safety concerns or for infrastructure protection. If control has happened or new examples are noted, it is important that new shoots are treated as Willows can quickly grow back in awkward shapes making follow up management more difficult and costly.

Yellow Burrweeds (Amsinckia calycina) is an erect annual herb, which grows up to 70cm in height, with small yellow trumpet like flowers that develop in early spring, each plant can produce up to 1600 seeds. The burred seeds hook easily onto the coats of animals, which are then dispersed over large areas. It is often found in poorly managed pastures, roadsides and areas other areas where there has been soil disturbance.

Yellow Burrweed was only recorded in a few locations within the municipality however it has the potential to spread along roadsides. It is not often known by the public as a weed of concern and can go unnoticed.



Image: Sweet Briar weeds, Derwent Catchment Project, 2022

### Appendix IV Causes of weed spread

### Vehicles, machinery & equipment

Machinery and vehicles are known to be a major vector for weed spread. Earthmoving equipment or maintenance machinery, such as slashers, can carry thousands of viable seeds and fragments to new areas.

### Contaminated sand & gravel

Another major vector is contaminated sand and gravel. Road maintenance often includes the movement of material from quarries around the municipality. This is a common problem associated with all road construction across Australia. It is vital that all quarries, including informal quarries, are not contaminated with weeds.

Stockpile areas should be established with appropriate drainage and maintained free of weeds and should not be established in areas known to be weed infected. Managing quarry sites and sand and gravel stockpiles is a key component of effective weed hygiene.

### Transported livestock feed

Due to fire or drought events, there are times where feed is required to be brought in from other regions. Unfortunately, this is also a pathway for unwanted weeds to be introduced to an otherwise clean area. There are commonly accepted strategies for managing this risk:

- Check the origin of your hay or grain stock feed and ask whether it has come from a known weed infested area.
- Keep records of purchased hay or grain stock feed.
- Store and feed-out in a confined area away from drainage lines (stock containment areas) to reduce the likelihood of weeds being spread throughout your property.
- Monitor storage and feed-out areas regularly and be suspicious of unfamiliar plants that germinate for the next 12 months.

It is important to consider these strategies and to communicate widely about control methods at times of drought, fire and flood to prevent unwanted weed introductions. 75

#### Garden escapes

Environmental weeds are often garden escapes and are usually spread by birds, suckering of the plants to nearby areas; and garden waste dumped inappropriately. In the past 30 years, at least 35% of all plants that have become environmental weeds in Tasmania were deliberately introduced as garden plants. Strategies to combat this problem include community education programs and green waste collection schemes.

## Appendix V Brighton Council weed action table

Weed	Eradication Zone	Site in Eradication zone	Easting	Northing	Year 1	\$/Hr	Year 2	\$/Hr	Year 3	\$/Hr	Year 4	\$/Hr	Year	\$/Hr
Blackberry	Estuary	Brynafon Road	515834.1	5269682				0	>,					
Bluebell creeper	Estuary	Brynafon Road	515913.3	5269716	Control	140/1	Follow up	140/8	Monitor	DCP	Determined	by monitoring	Determined b	y monitoring
Engish Broom	Estuary	Brynafon Road	516073.9	5269783										
Boneseed	Estuary	Church Road	514298.8	5268959										
Fennel	Estuary	Church Road	514449.5	5268929	Control	140/1	Follow up	140/8	Monitor	DCP	Determined	by monitoring	Determined b	by monitoring
Sweet Briar	Estuary	Church Road	514438.3	5268925										
Engish Broom	Estuary	High Sunderland Crescent	514573.4	5268543	Control	140/1	Follow up	140/8	Monitor	DCP	Determined	by monitoring	Datarminad k	ov monitoring
Engish Broom	Estuary	High Sunderland Crescent	514573.4	5268543	Control	140/1	Pollow up	140/6	Monitor	DCP	Determined	by monitoring	Determined t	by monitoring
Blackberry	Estuary	Narcissus Avenue	510807	5265202	Control	140/1	Follow up	140/8	Monitor	DCP	Determined	by monitoring	Determined b	y monitoring
Blackberry	Estuary	Pegasus Drive	510497.6	5265786										
Blackberry	Estuary	Pegasus Drive	510825.9	5265924	Control	140/1	Follow up	140/8	Monitor	DCP	Determined	by monitoring	Determined b	y monitoring
Slender Thistle	Estuary	Pegasus Drive	510778.5	5265929										
Sweet Briar	Estuary	Sunrise Avenue	514659.6	5268768	Control	140/1	Follow up	140/8	Monitor	DCP	Determined	by monitoring	Determined b	by monitoring
African boxthorn	Estuary	Tongatabu Road	515733.7	5269716	Control	140/1	Follow up	140/8	Monitor	DCP	Determined	by monitoring	Determined h	ov monitoring
Sweet Briar	Estuary	Tongatabu Road	515650.3	5269799	control	110/1	Tonow up	210/0	iviointo:	361	Determined !	oy momeoring	Determined k	, momeoring
Boneseed	Dromedary	Church Road	512624.7619	5269749.571										
Engish Broom	Dromedary	Church Road	513056.3884	5269445.371										
Montpellier broom	Dromedary	Church Road	512106.1685	5270381.825										
Montpellier broom	Dromedary	Church Road	512106.1685	5270381.825										
Montpellier broom	Dromedary	Church Road	512106.1685	5270381.825	Control	750/4	Follow up	750/5	Monitor	DCP	Determined	by monitoring	Determined b	y monitoring
Slender Thistle	Dromedary	Church Road	512128.0413	5270814.919										
Slender Thistle	Dromedary	Church Road	512688.5022	5269715.153										
Slender Thistle	Dromedary	Church Road	512064.7292	5270847.07										
Montpellier broom	Dromedary	Church Road	512106.1685	5270381.825										
Slender Thistle	Dromedary	Clarks Road	512128.0413	5270814.919	Control	140/1	Follow up	140/1	Monitor	DCP	Determined	by monitoring	Determined h	ov monitoring
Slender Thistle	Dromedary	Clarks Road	512064.7292	5270847.07	Control	140/1	I onow up	140/1	IVIOIIILOI	DCr	Determined	Sy monitoring	Determined t	, monitoring
Foxglove	Dromedary	Cranes Road	509745.4614	5269336.348								<u></u>		
Foxglove	Dromedary	Cranes Road	509902.9981	5269382.015										
Slender Thistle	Dromedary	Cranes Road	509841.9169	5269084.638	Control	280/2	Follow up	140/1	Monitor	DCP	Determined	by monitoring	Determined b	by monitoring

Slender		T		Ι	Ī	I		ı		Ī	I		İ	
Thistle	Dromedary	Cranes Road	511872.6702	5270342.238										
Willow	Dromedary	Cranes Road	510479.0925	5269902.288					V					
Blackberry	Dromedary	Deans Valley Road	512970.1797	5269666.696				2	>.					
Californian thistle	Dromedary	Deans Valley Road	512869.7913	5270194.235	Control	140/1	Follow up	140/1	Monitor	DCP	Determined	by monitoring	Determined I	by monitoring
Sweet Briar	Dromedary	Deans Valley Road	512998.643	5269563.853										
Slender Thistle	Dromedary	Perrymore Road	511168.5443	5270653.36	Control	140/1	Follow up	140/8	Monitor	DCP	Determined	by monitoring	Determined I	by monitoring
Blackberry	Industrial	Crooked Billet Drive	519126.2786	5270154.892										
Fennel	Industrial	Crooked Billet Drive	519126.4208	5270206.295										
Fennel	Industrial	Crooked Billet Drive	519126.8933	5270747.376										
Fennel	Industrial	Crooked Billet Drive	519167.8067	5270348.572										
Fennel	Industrial	Crooked Billet Drive	519287.1482	5269772.176	Control	280/2	Follow up	280/2	Monitor	DCP	Datarminad	hy monitoring	Determined I	ov monitoring
Fennel	Industrial	Crooked Billet Drive	519095.3979	5270758.789	Control	200/2	i ollow up	200/2	IVIOIIILUI	DCr	Betermined	oy monitoring	Determined i	Jy monitoring
Fennel	Industrial	Crooked Billet Drive	519259.7804	5269774.913										
Fennel	Industrial	Crooked Billet Drive	519259.7804	5269774.913										
Mallow	Industrial	Crooked Billet Drive	519157.7357	5269975.397	ı.									
Slender Thistle	Industrial	Crooked Billet Drive	519152.6735	5269976.083										
Blackberry	Industrial	Greenbanks Road	518925.9052	5269788.873	Control	140/1	Follow up	140/1	Monitor	DCP	Determined	by monitoring	Determined I	by monitoring
Engish Broom	Industrial	Possum Road	519496.0043	5270390.678										
Whitweed	Industrial	Possum Road	519489.0115	5270361.435										
Whitweed	Industrial	Possum Road	519397.4789	5269845.116										
Fennel	Industrial	Possum Road	519471.7502	5270366.647										
Fennel	Industrial	Possum Road	519501.2624	5270417.344	Control	280/2	Follow up	280/2	Monitor	DCP	Determined	by monitoring	Determined l	by monitoring
Fennel	Industrial	Possum Road	519349.8537	5269985.046										
Montpellier broom	Industrial	Possum Road	519470.867	5270359.765	•									
Paterson's curse	Industrial	Possum Road	519383.5784	5269998.721	•									
Whitweed	Industrial	Possum Road	519489.0115	5270361.435										
Fennel	Industrial	Strong Street	518971.2007	5270041.672	Control	140/1	Follow up	140/1	Monitor	DCP	Determined	by monitoring	Determined I	by monitoring
Sweet Briar  African  boxthorn	Industrial Industrial	Strong Street Woodrieve Road	518935.1684 518747.1838	5270034.594 5269394.233	Control	140/1	Follow up	140/1	Monitor	DCP	Determined	by monitoring	Determined I	by monitoring
African boxthorn	Foreshore	Ford Road	521817.6201	5273621.261	Control	26880/192	Follow up	ТВС	Monitor	DCP	Determined	by monitoring	Determined I	by monitoring
Montpellier broom	Foreshore	Blackburn Avenue	521273.7078	5274540.154	Control									
Montpellier broom	Foreshore	Blackburn Avenue	521273.7078	5274540.154	Control									
African boxthorn	Foreshore	Foreshore	520544.4844	5266649.087	Control									

									-83				
African boxthorn	Foreshore	Foreshore	520541.6259	5266674.957	Control				1				
African boxthorn	Foreshore	Foreshore	520567.6918	5266610.471	Control			9	X				
African boxthorn	Foreshore	Foreshore	520546.1261	5266647.441	Control			0					
African boxthorn	Foreshore	Foreshore	520352.258	5266993.962	Control		-	0,					
African	Foreshore	Foreshore	520389.5569	5266922.605	Control								
boxthorn African	Foreshore	Foreshore	520539.9106	5266660.91	Control								
boxthorn African	Foreshore	Foreshore	520496.8395	5266764.568	Control								
boxthorn African	Foreshore	Foreshore	520239.8803	5267335.224	Control								
boxthorn African	Foreshore	Foreshore	520040.2152	5267445.28	Control								
boxthorn  African  boxthorn	Foreshore	Foreshore	520363.3405	5267309.298	Control								
African boxthorn	Foreshore	Foreshore	520363.3405	5267309.298	Control								
African boxthorn	Foreshore	Foreshore	519917.3248	5267517.652	Control								
African boxthorn	Foreshore	Foreshore	519942.3442	5267496.336	Control								
African boxthorn	Foreshore	Foreshore	520028.8147	5267459.858	Control								
African boxthorn	Foreshore	Foreshore	520066.7128	5267432.408	Control								
African boxthorn	Foreshore	Foreshore	520300.7136	5267157.14	Control								
African boxthorn	Foreshore	Foreshore	520309.931	5267212.395	Control								
African boxthorn	Foreshore	Foreshore	519689.0843	5267639.605	Control								
African boxthorn	Foreshore	Foreshore	520302.8441	5267125.721	Control								
African boxthorn	Foreshore	Foreshore	520322.0805	5267266.084	Control								
African boxthorn	Foreshore	Foreshore	520363.3405	5267309.298	Control								
African boxthorn	Foreshore	Foreshore	520305.3486	5267240.488	Control								
African boxthorn	Foreshore	Foreshore	520327.0075	5267271.401	Control								
African boxthorn	Foreshore	Foreshore	519896.168	5267527.147	Control								
African boxthorn	Foreshore	Foreshore	519837.3629	5267556.079	Control								
African boxthorn	Foreshore	Foreshore	520347.7096	5266958.762	Control								
African boxthorn	Foreshore	Foreshore	519903.8431	5267524.144	Control								
African boxthorn	Foreshore	Foreshore	519783.0489	5267601.267	Control								
African boxthorn	Foreshore	Foreshore	519828.7296	5267581.117	Control								
African boxthorn	Foreshore	Barton Crescent	519893.0585	5267571.722	Control								
African boxthorn	Foreshore	Foreshore	519888.006	5267532.419	Control								
		-				•			•	•	•	•	

							 	-81	 			
African boxthorn	Foreshore	Foreshore	520347.7096	5266958.762	Control			1				
African boxthorn	Foreshore	Foreshore	520347.7096	5266958.762	Control		9	X.				
African boxthorn	Foreshore	Foreshore	520920.2588	5266373.953	Control		8					
African boxthorn	Foreshore	Foreshore	520876.106	5266462.168	Control		0.					
African boxthorn	Foreshore	Foreshore	519198.4904	5267945.491	Control							
African boxthorn	Foreshore	Foreshore	519044.5579	5267863.313	Control							
African boxthorn	Foreshore	Foreshore	519212.7575	5267944.166	Control							
African boxthorn	Foreshore	Foreshore	519234.8315	5267938.171	Control							
African boxthorn	Foreshore	Foreshore	519518.135	5267883.525	Control							
African boxthorn	Foreshore	Foreshore	519024.3767	5267849.259	Control							
African boxthorn	Foreshore	Foreshore	519518.135	5267883.525	Control							
African boxthorn	Foreshore	Foreshore	520947.4947	5266334.97	Control							
African boxthorn	Foreshore	Foreshore	520944.6683	5266343.644	Control							
African boxthorn	Foreshore	Foreshore	520897.8884	5266425.114	Control							
African boxthorn	Foreshore	Foreshore	520958.5097	5266357.216	Control							
African boxthorn	Foreshore	Foreshore	519307.4197	5267899.661	Control							
African boxthorn	Foreshore	Foreshore	519249.7078	5267939.032	Control							
African boxthorn	Foreshore	Foreshore	520714.7572	5267141.613	Control							
African boxthorn	Foreshore	Foreshore	520728.329	5267128.777	Control							
African boxthorn	Foreshore	Foreshore	520823.1328	5266564.543	Control							
African boxthorn	Foreshore	Foreshore	520841.5644	5266553.388	Control							
African boxthorn	Foreshore	Foreshore	520592.0596	5266676.01	Control							
African boxthorn	Foreshore	Foreshore	520835.1792	5266555.951	Control							
African boxthorn	Foreshore	Foreshore	520887.9031	5266480.038	Control							
African boxthorn	Foreshore	Foreshore	520899.6668	5266414.365	Control							
African boxthorn	Foreshore	Foreshore	520797.122	5266573.616	Control							
African boxthorn	Foreshore	Foreshore	520862.3164	5266493.101	Control							
African boxthorn	Foreshore	Foreshore	521008.2227	5266257.395	Control							
African boxthorn	Foreshore	Foreshore	521012.5102	5266250.794	Control							
African boxthorn	Foreshore	Foreshore	521017.2142	5266246.05	Control							
African boxthorn	Foreshore	Foreshore	521031.9745	5266218.806	Control							
			-			•			•	•	•	

									~					
African boxthorn	Foreshore	Foreshore	520815.0565	5266188.189	Control									
African boxthorn	Foreshore	Foreshore	520645.4429	5266993.911	Control			6	X.					
African boxthorn	Foreshore	Foreshore	521035.0069	5266205.565	Control			8						
African boxthorn	Foreshore	Foreshore	521033.954	5266211.282	Control			A.						
African boxthorn	Foreshore	Foreshore	520299.3055	5267107.413	Control									
African boxthorn	Foreshore	Foreshore	520970.8508	5266319.481	Control									
African boxthorn	Foreshore	Foreshore	520301.5948	5267120.858	Control									
African boxthorn	Foreshore	Foreshore	520303.6957	5267098.022	Control									
African boxthorn	Foreshore	Foreshore	521007.9656	5266263.245	Control									
African boxthorn	Foreshore	Foreshore	521023.7175	5266237.255	Control									
African boxthorn	Foreshore	Foreshore	520953.4168	5266306.358	Control									
African boxthorn African	Foreshore	Foreshore	520966.6192	5266335.377	Control									
boxthorn  African	Foreshore	Foreshore	520364.5387	5266943.402	Control									
boxthorn  African	Foreshore	Foreshore	520325.4259	5267060.12	Control									
boxthorn  African	Foreshore	Foreshore	520364.5387	5266943.402	Control									
boxthorn African	Foreshore	Foreshore	520364.5387	5266943.402	Control									
boxthorn African	Foreshore	Foreshore	520300.6651	5267112.495	Control									
boxthorn African	Foreshore	Foreshore	520295.2454	5267126.371	Control									
boxthorn African	Foreshore	Foreshore	520322.3968	5267075.085	Control									
boxthorn African	Foreshore	Foreshore	520326.9408	5267052.898	Control									
boxthorn African	Foreshore	Foreshore	521147.3433	5266849.392	Control									
boxthorn African	Foreshore	Foreshore	521148.6043	5266824.108	Control									
boxthorn African	Foreshore	Foreshore	520997.7594	5266272.052	Control									
boxthorn	Foreshore	Foreshore	521160.7618	5266808.871	Control									
Blackberry	Foreshore	Foreshore	519300.5459	5267904.93	Control	-	<u> </u>			<del>                                     </del>	-	-		
Blackberry	Foreshore	Foreshore	519210.0956	5267944.419	Control		ļ			ļ	-	-		
Blackberry	Foreshore	Foreshore	520827.6561	5267255.119	Control					ļ	1			
Blackberry	Foreshore	Foreshore	519369.9293	5267878.541	Control	<u> </u>	<u> </u>			<u></u>	<u> </u>			
Blackberry	Foreshore	Foreshore	521036.5296	5266192.084	Control									
Blackberry	Foreshore	Foreshore	520914.1068	5266426.159	Control									
Blackberry	Foreshore	Barton Crescent	519924.7117	5267528.814	Control									
Blackberry	Foreshore	Foreshore	520298.4567	5267117.395	Control									
Blackberry	Foreshore	Foreshore	520854.3872	5267283.718	Control	1	1	l		1				
Blackberry	Foreshore	Foreshore	520803.0662	5267235.48	Control	1	1			1	1	1		
Blackberry	Foreshore	Foreshore	520902.2718	5266422.832	Control		<u> </u>			<b> </b>	<b>†</b>			
			520845.9271	5267299.218		<del>                                     </del>	<del>                                     </del>	<b> </b>		<del>                                     </del>	+	<del> </del>		$\vdash$
Blackberry	Foreshore	Foreshore			Control	-	-	-	-	<del>                                     </del>	+	+	-	<del>                                     </del>
Blackberry	Foreshore	Foreshore	519863.2505	5267559.915	Control		<b>_</b>	<u> </u>		<b></b>	-	-		
Blackberry	Foreshore	Foreshore	519860.381	5267544.858	Control	<u> </u>	<u> </u>	<u> </u>		L	I	1		

								- 6					
Blackberry	Foreshore	Foreshore	519134.0048	5267927.35	Control			1					
Blackberry	Foreshore	Foreshore	519892.5727	5267526.938	Control			2					
Blackberry	Foreshore	Foreshore	519970.387	5267476.542	Control		-	X					
Blackberry	Foreshore	Foreshore	519924.7117	5267528.814	Control			~					
Blackberry	Foreshore	Foreshore	520063.3036	5267430.038	Control								
Blackberry	Foreshore	Foreshore	520251.9105	5267329.639	Control		1						
Blackberry	Foreshore	Foreshore	520695.3746	5266396.446	Control								
Blackberry	Foreshore	Foreshore	519936.8469	5267502.695	Control								
Blackberry	Foreshore	Foreshore	520304.3271	5267098.185	Control								
Blackberry	Foreshore	Foreshore	520077.7697	5267403.557	Control								
Boneseed	Foreshore	Foreshore	520861.145	5266495.702	Control								
Boneseed	Foreshore	Foreshore	520905.4201	5266447.754	Control								
Boneseed	Foreshore	Foreshore	520859.4042	5266518.944	Control								
Boneseed	Foreshore	Foreshore	520856.7974	5266500.663	Control								
Boneseed	Foreshore	Foreshore	520809.6208	5266186.921	Control								
Boneseed	Foreshore	Foreshore	520778.8362	5266241.304	Control								
Boneseed	Foreshore	Foreshore	520955.4605	5266365.016	Control	L			L	ļ		ļ	
Boneseed	Foreshore	Foreshore	520948.2667	5266345.055	Control								
Boneseed	Foreshore	Foreshore	520643.3205	5266990.801	Control								
Boneseed	Foreshore	Foreshore	520590.6424	5266880.329	Control								
Boneseed	Foreshore	Foreshore	520667.4652	5267036.058	Control								
Boneseed	Foreshore	Foreshore	520656.1578	5267016.762	Control								
Boneseed	Foreshore	Foreshore	520555.6028	5266660.153	Control								
Boneseed	Foreshore	Foreshore	520547.4891	5266672.069	Control								
Boneseed	Foreshore	Foreshore	520569.9144	5266841.01	Control								
Boneseed	Foreshore	Foreshore	520569.9144	5266841.01	Control								
Boneseed	Foreshore	Foreshore	520780.0759	5267200.444	Control								
Boneseed	Foreshore	Foreshore	520571.8126	5266640.011	Control								
Boneseed	Foreshore	Foreshore	520632.3621	5266518.723	Control								
Boneseed	Foreshore	Foreshore	520610.7281	5266560.286	Control								
Boneseed	Foreshore	Foreshore	520735.1581	5267146.062	Control								
Boneseed	Foreshore	Foreshore	520690.065	5267060.241	Control								
Boneseed	Foreshore	Foreshore	520753.368	5267160.827	Control								
Boneseed	Foreshore	Foreshore	520741.7888	5267152.003	Control								
Boneseed	Foreshore	Foreshore	520409.0374	5266913.033	Control								
Boneseed	Foreshore	Foreshore	520635.2937	5266489.792	Control								
Boneseed	Foreshore	Foreshore	520856.96	5266109.581	Control								
Boneseed	Foreshore	Foreshore	520920.2588	5266373.953	Control								
Boneseed	Foreshore	Foreshore	520671.5376	5266415.055	Control								
Boneseed	Foreshore	Foreshore	520597.2982	5266884.671	Control								
Boneseed	Foreshore	Foreshore	520755.0122	5266329.319	Control								
Boneseed	Foreshore	Foreshore	520733.3276	5266362.571	Control								
Boneseed	Foreshore	Foreshore	520991.6704	5266281.775	Control								
Boneseed	Foreshore	Foreshore	520980.7861	5266275.33	Control								
Boneseed	Foreshore	Foreshore	521000.8403	5266274.749	Control								
Boneseed	Foreshore	Foreshore	521153.6723	5266818.519	Control								
Fennel	Foreshore	Foreshore	520347.7096	5266958.762	Control								
Fennel	Foreshore	Foreshore	520347.7096	5266958.762	Control								
Fennel	Foreshore	Foreshore	520876.106	5266462.168	Control								
Fennel	Foreshore	Foreshore	520347.7096	5266958.762	Control								
Fennel	Foreshore	Foreshore	519912.8319	5267539.074	Control								
Formal	Foreshare		F10012 0210		Control								
Fennel	Foreshore	Barton Crescent	519912.8319	5267539.074	Control								
Fennel	Foreshore	Foreshore	519964.6662	5267500.674	Control								
Fennel	Foreshore	Barton Crescent	519964.6662	5267500.674	Control								
Fennel	Foreshore	Foreshore	520082.5877	5267408.848	Control						<del> </del>	1	
Fennel	Foreshore	Foreshore	520920.2588	5266373.953	Control						<del>                                     </del>	<del>                                     </del>	
Fennel	Foreshore	Foreshore	520856.96	5266109.581	Control	<del>                                     </del>			<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	
Fennel	Foreshore	Foreshore	520089.4156	5267407.323	Control						<del>                                     </del>	<del>                                     </del>	
Fennel	Foreshore	Foreshore	520005.8293	5267472.858	Control				<b>-</b>	-	<del>                                     </del>	<del> </del>	
1 Ellilel		TOTESTIOLE			COTICIOI	<del>                                     </del>			<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	
Fennel	Foreshore	Barton Crescent	520005.8293	5267472.858	Control								

Fennel         Foreshore         520100.4715         5267397.012         Control           Fennel         Foreshore         Foreshore         520073.4418         5267415.408         Control           Fennel         Foreshore         Foreshore         520496.1987         5266816.952         Control           Fennel         Foreshore         Foreshore         52032.046         5267393.556         Control           Fennel         Foreshore         Foreshore         520112.5456         5267397.14         Control           Fennel         Foreshore         Foreshore         520342.8594         5266988.932         Control           Fennel         Foreshore         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         Foreshore	
Fennel         Foreshore         520496.1987         5266816.952         Control           Fennel         Foreshore         Foreshore         520496.1987         5266816.952         Control           Fennel         Foreshore         Foreshore         520504.3776         5266743.633         Control           Fennel         Foreshore         Foreshore         520496.1987         5266816.952         Control           Fennel         Foreshore         Foreshore         520132.046         5267393.556         Control           Fennel         Foreshore         Foreshore         520132.046         5267397.14         Control           Fennel         Foreshore         Foreshore         520112.5456         5267397.14         Control           Fennel         Foreshore         Foreshore         520342.8594         5266988.932         Control           Fennel         Foreshore         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore	
Fennel         Foreshore         520496.1987         5266816.952         Control           Fennel         Foreshore         Foreshore         520504.3776         5266743.633         Control           Fennel         Foreshore         Foreshore         520496.1987         5266816.952         Control           Fennel         Foreshore         Foreshore         520132.046         5267393.556         Control           Fennel         Foreshore         Foreshore         520112.5456         5267397.14         Control           Fennel         Foreshore         Foreshore         520342.8594         5266988.932         Control           Fennel         Foreshore         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         520504.3776         5266743.633         Control           Fennel         Foreshore         Foreshore         520496.1987         5266816.952         Control           Fennel         Foreshore         Foreshore         520132.046         5267393.556         Control           Fennel         Foreshore         Foreshore         520112.5456         5267397.14         Control           Fennel         Foreshore         Foreshore         520342.8594         5266988.932         Control           Fennel         Foreshore         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         Foreshore         520496.1987         5266816.952         Control           Fennel         Foreshore         Foreshore         520132.046         5267393.556         Control           Fennel         Foreshore         Foreshore         520112.5456         5267397.14         Control           Fennel         Foreshore         Foreshore         520342.8594         5266988.932         Control           Fennel         Foreshore         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         520132.046         5267393.556         Control           Fennel         Foreshore         Foreshore         520112.5456         5267397.14         Control           Fennel         Foreshore         Foreshore         520342.8594         5266988.932         Control           Fennel         Foreshore         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         Foreshore         520112.5456         5267397.14         Control           Fennel         Foreshore         Foreshore         520342.8594         5266988.932         Control           Fennel         Foreshore         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         520342.8594         5266988.932         Control           Fennel         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         520807.7843         5266191.772         Control           Fennel         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         520315.5457         5267264.819         Control           Fennel         Foreshore         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         520833.0381         5266191.772         Control           Fennel         Foreshore         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         520807.7843         5266187.665         Control           Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel         Foreshore         Foreshore         520835.9617         5266169.757         Control           Fennel         Foreshore         Foreshore         520818.1907         5266172.216         Control	
Fennel Foreshore Foreshore 520818.1907 5266172.216 Control	
Fennel Foreshore Foreshore 520541.6553 5266684.826 Control	
Fennel Foreshore 520790.1359 5266276.234 Control	
Fennel Foreshore 520582.9551 5266603.974 Control	<del>                                     </del>
Fennel Foreshore Foreshore 520875.5769 5266495.877 Control	<del>                                     </del>
Fermel Foreshore Foreshore 520882.9833 5266486.259 Control	<del>                                     </del>
	<del>                                     </del>
Fennel Foreshore Foreshore 520829.9339 5266145.008 Control	
Fennel Foreshore Foreshore 520889.3725 5266476.125 Control	<del>                                     </del>
Fennel         Foreshore         520957.3974         5266298.089         Control	
Fennel Foreshore Foreshore 520791.6859 5266226.258 Control	
Fennel Foreshore Foreshore 520862.7998 5267307.288 Control	
Fennel Foreshore Foreshore 519870.3655 5267543.461 Control	
Fennel Foreshore Foreshore 519878.9661 5267557.162 Control	
Fennel Foreshore Foreshore 520828.3528 5267258.452 Control	
Fennel Foreshore Foreshore 520816.3095 5267250.259 Control	
Fennel Foreshore Foreshore 520834.7725 5267285.309 Control	
Fennel Foreshore Foreshore 520836.17 5267266.466 Control	
Fennel Foreshore Lamprill Circle 521519.9289 5266687.914 Control	
Terrifici Toteshore Editiphii circle 321313.3263 320007.314 Control	
Mirror bush Foreshore Foreshore 520347.7096 5266958.762 Control	
Mirror bush Foreshore Foreshore 520347.7096 5266958.762 Control	
Mirror bush Foreshore Foreshore 520032.9131 5267453.776 Control	
Mirror bush Foreshore Foreshore 520347.7096 5266958.762 Control	
Pine tree Foreshore Foreshore 520612.9037 5266921.614 Control	
Sweet Briar Foreshore Foreshore 520920.2588 5266373.953 Control	
Sweet Briar Foreshore Foreshore 520876.106 5266462.168 Control	
Sweet Briar Foreshore Foreshore 519186.1122 5267944.923 Control	
Sweet Briar Foreshore Foreshore 519176.9998 5267944.348 Control	
Sweet Briar Foreshore Foreshore 520347.7096 5266958.762 Control	
Sweet Briar Foreshore Foreshore 520347.7096 5266958.762 Control	
Sweet Briar Foreshore Foreshore 520347.7096 5266958.762 Control	
Sweet Briar Foreshore Foreshore 519272.8683 5267918.761 Control	
Sweet Briar Foreshore Foreshore 519236.2175 5267942.979 Control	
Sweet Briar Foreshore 519265.1871 5267929.801 Control	
Sweet Briar Foreshore Foreshore 519262.9989 5267922.343 Control	
Sweet Briar Foreshore Foreshore 519208.6918 5267950.605 Control	
Sweet Briar Foreshore Foreshore 519164.8339 5267941.237 Control	<del>                                     </del>
Sweet Briar         Foreshore         519195.9108         5267945.307         Control	<del>                                     </del>
Sweet Briar         Foreshore         Foreshore         519205.8719         5267945.251         Control	<del>                                     </del>
	<del>                                     </del>
	<del>                                     </del>
Sweet Briar Foreshore Foreshore 520784.006 5267226.824 Control	<del>                                     </del>
Sweet Briar Foreshore Foreshore 520872.8696 5267325.111 Control	<del>                                     </del>
Sweet Briar Foreshore Foreshore 520861.1325 5267345.734 Control	<del>                                     </del>
Sweet Briar Foreshore Foreshore 519301.9601 5267910.148 Control	<del>                                     </del>
Sweet Briar Foreshore Foreshore 519299.75 5267904.823 Control	
Sweet Briar Foreshore Foreshore 520829.4803 5267259.46 Control	

Sweet Briar	Foreshore	Foreshore	519287.5832	5267911.091	Control			A.					
Sweet Briar	Foreshore	Foreshore	520864.6233	5266512.093	Control			1.					
Sweet Briar	Foreshore	Foreshore	520902.7059	5266443.229	Control			V	İ				
Sweet Briar	Foreshore	Foreshore	520778.5144	5266580.943	Control		7	7					
Sweet Briar	Foreshore	Foreshore	520854.9923	5266529.974	Control		0						
Sweet Briar	Foreshore	Foreshore	520901.6037	5266447.055	Control		-						
Sweet Briar	Foreshore		520888.2316	5267359.979	Control								
		Foreshore			<del>                                     </del>		V						
Sweet Briar	Foreshore	Foreshore	520897.74	5266421.233	Control			<u> </u>					
Sweet Briar	Foreshore	Foreshore	520911.5643	5266429.147	Control					ļ			
Sweet Briar	Foreshore	Foreshore	520591.6983	5266702.228	Control								
Sweet Briar	Foreshore	Foreshore	520606.2221	5266659.264	Control								
Sweet Briar	Foreshore	Foreshore	520648.0419	5267000.411	Control								
Sweet Briar	Foreshore	Foreshore	520665.2999	5267027.616	Control								
Sweet Briar	Foreshore	Foreshore	520849.6719	5266539.886	Control								
Sweet Briar	Foreshore	Foreshore	520690.5051	5266620.848	Control								
Sweet Briar	Foreshore	Foreshore	520591.7784	5266867.162	Control								
Sweet Briar	Foreshore	Foreshore	520586.6768	5266858.429	Control								
Sweet Briar	Foreshore	Foreshore	520883.9767	5266107.121	Control			ĺ					
Sweet Briar	Foreshore	Foreshore	520912.6416	5266132.539	Control								
Sweet Briar	Foreshore	Foreshore	520934.1019	5266134.333	Control					İ	İ		
Sweet Briar	Foreshore	Foreshore	520961.1829	5266126.078	Control					1	<del> </del>		
Sweet Briar	Foreshore	Foreshore	520818.7002	5266168.306	Control					1	<del>                                     </del>		
Sweet Briar	Foreshore	Foreshore	520800.1082	5266207.889	Control			1	1	1	<del>                                     </del>		
Sweet Briar	Foreshore	Foreshore	520825.0889	5266157.789	Control					<b>-</b>	<del>                                     </del>		
Sweet Briar	Foreshore	Foreshore	520826.3647	5266153.193	Control								
Sweet Briar	Foreshore	Foreshore	520944.3556	5266331.18	Control								
Sweet Briar	Foreshore	Foreshore	521011.6403	5266253.476	Control								
	Foreshore	Foreshore	520944.9723	5266317.318	Control								
Sweet Briar	Foreshore	Foreshore	520953.5088	5266318.605	Control								
Sweet Brian			520964.8508	5266141.538	<del>                                     </del>					-			
Sweet Brian	Foreshore	Foreshore			Control			<u> </u>					
Sweet Briar	Foreshore	Foreshore	521033.9248	5266192.556	Control								
Sweet Briar	Foreshore	Foreshore	521010.2964	5266145.528	Control								
Sweet Briar	Foreshore	Foreshore	521036.251	5266181.751	Control								
Sweet Briar	Foreshore	Foreshore	519910.5286	5267520.843	Control								
Sweet Briar	Foreshore	Foreshore	519955.9342	5267479.482	Control								
Sweet Briar	Foreshore	Foreshore	520003.5196	5267467.492	Control					ļ			
Sweet Briar	Foreshore	Foreshore	519931.5001	5267513.807	Control								
Sweet Briar	Foreshore	Foreshore	520323.9181	5267070.05	Control								
Sweet Briar	Foreshore	Foreshore	520339.3486	5267008.161	Control								
Sweet Briar	Foreshore	Foreshore	520582.5965	5266575.899	Control								
Sweet Briar	Foreshore	Foreshore	520466.0157	5266872.048	Control								
Sweet Briar	Foreshore	Foreshore	520113.9772	5267389.317	Control								
Sweet Briar	Foreshore	Foreshore	520142.25	5267383.027	Control								
Sweet Briar	Foreshore	Foreshore	520157.1344	5267377.488	Control					ļ	ļ		
Sweet Briar	Foreshore	Foreshore	520200.4053	5267357.842	Control					ļ			
Sweet Briar	Foreshore	Foreshore	520004.3311	5267457.715	Control					ļ			
Sweet Briar	Foreshore	Foreshore	519999.8094	5267459.779	Control					ļ	ļ		
Sweet Briar	Foreshore	Foreshore	520123.7289	5267392.679	Control					ļ	<u> </u>		
Sweet Briar	Foreshore	Foreshore	519986.9609	5267466.979	Control					ļ			
Sweet Briar	Foreshore	Foreshore	520301.6887	5267171.464	Control					ļ	L		
Sweet Briar	Foreshore	Foreshore	520297.6808	5267142.741	Control								
Sweet Briar	Foreshore	Foreshore	519748.5588	5267641.121	Control								
Sweet Briar	Foreshore	Foreshore	519656.806	5267625.743	Control								
Sweet Briar	Foreshore	Foreshore	520303.5967	5267251.211	Control								
Sweet Briar	Foreshore	Foreshore	520287.836	5267322.452	Control								
Sweet Briar	Foreshore	Foreshore	520317.0674	5267250.433	Control								
Sweet Briar	Foreshore	Foreshore	520304.9356	5267230.565	Control								
Sweet Briar	Foreshore	Foreshore	519826.9103	5267595.427	Control								
Sweet Briar	Foreshore	Foreshore	519826.9103	5267595.427	Control								
Sweet Briar	Foreshore	Foreshore	519782.7165	5267628.938	Control					1			
Sweet Briar	Foreshore	Foreshore	519831.848	5267566.019	Control					1	1		
Sweet Briar	Foreshore	Foreshore	519677.2705	5267652.289	Control						1		
Sweet Briar	Foreshore	Foreshore	519752.9019	5267624.321	Control				1	1	1		
2300 21101					1 -0	I		L	L	L		I	

Courant Dulan	Fausahaus	I Fawashawa I	F10C77 270F	F2C7CF2 200	Cambral				-					
Sweet Brian	Foreshore	Foreshore	519677.2705	5267652.289	Control	<del>├──</del>	<del> </del>	<b>—</b>	-	├──		┼──	<del>                                     </del>	├──
Sweet Briar	Foreshore	Foreshore	519677.2705	5267652.289	Control		<b></b>	<b></b>		<del></del>		<del> </del>	<del> </del>	<del></del>
Sweet Briar	Foreshore	Foreshore	519905.7881	5267542.184	Control	<del></del>	<b></b> '	-	A.	<b>├</b>			<del> </del>	<del></del>
Sweet Briar	Foreshore	Foreshore	519911.6424	5267535.851	Control				>> "			<u> </u>	<u> </u>	
Sweet Briar	Foreshore	Barton Crescent	519917.7828	5267533.7	Control			8	i.					
Sweet Briar	Foreshore	Foreshore	519915.6501	5267526.954	Control			1 ) .						
Sweet Briar	Foreshore	Foreshore	519789.4754	5267603.217	Control			-						
Sweet Briar	Foreshore	Foreshore	519764.6959	5267612.803	Control	1						1	1	
Sweet Briar	Foreshore	Foreshore	519789.4754	5267603.217	Control								1	
Sweet Briar	Foreshore	Foreshore	519789.4754	5267603.217	Control							†		
Sweet Briar	Foreshore	Foreshore	520732.6047	5267136.255	Control							<del>                                     </del>		
Sweet Briar	Foreshore	Foreshore	520714.9426	5267102.735	Control	<del>                                     </del>	<del>                                     </del>			$\vdash$		<del>                                     </del>	<del>                                     </del>	<del>                                     </del>
Sweet Briar	Foreshore	Foreshore	520764.3039	5267184.306	Control	<del>                                     </del>				<b>—</b>				
	Foreshore	1	520733.2804	5267142.158	Control	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del></del>		<del>                                     </del>	<del>                                     </del>	<del></del>
Sweet Briar Sweet Briar	Foreshore	Foreshore	519151.7973	5267940.589	Control				<del></del>	-		<del>                                     </del>		<del>                                     </del>
		Foreshore				<del></del>	<del> </del>	<b>—</b>	<del> </del>	$\vdash$		<del> </del>	<del>                                     </del>	├──
Sweet Briar	Foreshore	Foreshore	519917.7828	5267533.7	Control	<del></del>	<del>                                     </del>	<del></del>	<del></del>	<del></del>	<del> </del>	<del></del>	<del>                                     </del>	<del></del>
Sweet Brian	Foreshore	Foreshore	520709.7404	5267088.123	Control	<del></del>	<del>                                     </del>	<b></b>	<del></del>	<del></del>		<del> </del>	<del>                                     </del>	<del></del>
Sweet Briar	Foreshore	Foreshore	520695.6793	5267074.988	Control	──	<del>                                     </del>		<del></del>	<del></del>	<del></del>	──		<del></del>
Sweet Briar	Foreshore	Foreshore	520304.1187	5267101.903	Control	<del></del>	<b></b> '	<b></b>	<b></b>	<b>├</b>		<del></del>	<b></b>	<b></b>
Sweet Briar	Foreshore	Foreshore	520315.0623	5267259.078	Control	<b></b>	<b></b> '		<b></b>		<b></b>	<b></b>	<u> </u>	<b></b>
Sweet Briar	Foreshore	Foreshore	520335.1014	5267028.542	Control	<b></b>	<b></b> '		<b></b>	<b></b>		<b></b>		<b></b>
Sweet Briar	Foreshore	Foreshore	520329.6136	5267056.773	Control									
Sweet Briar	Foreshore	Foreshore	520410.3947	5266880.222	Control									
Sweet Briar	Foreshore	Foreshore	520374.176	5266908.133	Control									
Sweet Briar	Foreshore	Foreshore	520354.0687	5267301.068	Control									
Sweet Briar	Foreshore	Foreshore	520856.96	5266109.581	Control									
Sweet Briar	Foreshore	Foreshore	521166.3227	5266798.214	Control									
Sweet Briar	Foreshore	Foreshore	521166.3227	5266798.214	Control									
Sweet Briar	Foreshore	Foreshore	521166.3227	5266798.214	Control									
Weeping	. 51 551101 6	1 37 6 3 1 0 1 0	321100.3221	3200730.217	23111101	<del>                                     </del>	<del></del>		$\vdash$	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	$\vdash$
willow	Foreshore	Foreshore	519386.0305	5267884.528	Control	<u> </u>								
Whitweed	Foreshore	Foreshore	521237.9997	5266790.9	Control									
Montpellier broom	Foreshore	Blackburn Avenue	521273.7078	5274540.154	Control									
Montpellier		Blackburn												
broom	Foreshore	Avenue	521273.7078	5274540.154	Control				l	1				1
Montpellier		Blackburn				<del></del>	<del></del>	<del>                                     </del>	<del></del>	<del>                                     </del>	<del>                                     </del>	<del></del>	<del>                                     </del>	<del> </del>
	Foreshore	1	521273.7078	5274540.154	Control	1	1	1	1	1				1
broom	A aria elterna /	Avenue		<b></b>	<del></del>	<del></del>	<del>                                     </del>	<del></del>	<del></del>	<del></del>	<del> </del>		<del> </del>	<u> </u>
African	Agriculture/	Back Tea Tree	525360.9197	5272183.416	1	1	1	1	l	1				
boxthorn	Horticulture	Road		<b></b>	+	1	1	1	l	1				
African	Agriculture/	Back Tea Tree	525718.919	5271682.784	1	1	1	1	l	1				
boxthorn	Horticulture	Road			4	1	1	1	l	1				
Fennel	Agriculture/	Back Tea Tree	524603.7724	5272787.544	1	1	1	1	l	1				
Ciliei	Horticulture	Road	32-1003.7724	32,2,0,.344	1	1	1	1	l	1				
Fennel	Agriculture/ Horticulture	Back Tea Tree Road	524243.232	5273019.796						1				
	Agriculture/	Back Tea Tree			i	1	1	1	l	1				
Fennel	Horticulture	Road	527290.9296	5270226.05	1	1	1	1	l	1				
<del>                                     </del>	Agriculture/	Back Tea Tree			t	1	1	1	l	1				
Fennel	-		527290.9296	5270226.05	1	1	1	1	l	1				
<b>—</b>	Horticulture	Road		<del></del>	ŧ	1	1	1	l	1				
Fennel	Agriculture/	Back Tea Tree	527290.9296	5270226.05	1	1	1	1	l	1				
$\vdash$	Horticulture	Road		<b></b>	ł	1	1	1	1	1				
Fennel	Agriculture/	Back Tea Tree	527290.9296	5270226.05	1	1	'	1	l	1				
	Horticulture	Road			4	1	1	1	l	1				
Fennel	Agriculture/	Back Tea Tree	525734.0925	5271673.712	1	1	1	1	l	1				
reillei	Horticulture	Road	323734.0323	32/10/3./12	1	1	'	1	l	1				
F	Agriculture/	Back Tea Tree	F2F202 2F27	F272450 024	1	1	'	1	l	1				
Fennel	Horticulture	Road	525382.3597	5272158.821	1	1	'	1	l	1				
	Agriculture/	Back Tea Tree			ĺ	1	1	1	1	1				
	_		525977.5752	5271422.41	1	1	1	1	1	1				
Fennel	Horticulture	KO30	١ .											
Fennel	Horticulture Agriculture/	Road Back Tea Tree			†		l i	! I	Į.					
Fennel	Horticulture Agriculture/ Horticulture	Back Tea Tree Road	527328.9994	5270217.326	ţ									

Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	526451.2833	5270764.945	Control with		Follow up		1			
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	526451.2833	5270764.945	Traffic	2700/8	with Traffic	2700/8	Monitor	DCP	Determined by monitoring	Determined by monitoring
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	527116.8564	5270328.134	management		management	8				
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	526656.7606	5270599.969				O.				
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	524362.5177	5272935.091	1							
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	524249.3479	5273009.43								
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	526451.2833	5270764.945	1							
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	525363.8325	5272138.969								
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	527162.8164	5273596.033	1							
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	527652.1732	5270050.464								
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	527316.7079	5270217.375	†							
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	524568.3994	5272811.405								
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	527984.5246	5269776.975	†							
Sweet Briar	Agriculture/ Horticulture	Back Tea Tree Road	524249.3479	5273009.43								
Whitweed	Agriculture/ Horticulture	Back Tea Tree Road	527241.8745	5270254.411	<u>†                                    </u>							
African boxthorn	Agriculture/ Horticulture	Baskerville Road	524743.7003	5267561.356								
African	Agriculture/	Baskerville Road	524731.5089	5267549.798	†							
boxthorn Blackberry	Horticulture Agriculture/	Baskerville Road	524588.8855	5265489.039	†							
Blackberry	Horticulture Agriculture/ Horticulture	Baskerville Road		5265489.039	1							
Blackberry	Agriculture/	Baskerville Road	524588.8855	5265489.039	1							
Fennel	Horticulture Agriculture/ Horticulture	Baskerville Road	524652.0582	5267322.172	†							
Fennel	Agriculture/	Baskerville Road	524668.8888	5267342.014	†							
Fennel	Horticulture Agriculture/ Horticulture	Baskerville Road	524668.8888	5267342.014	†							
Fennel	Agriculture/ Horticulture	Baskerville Road	524598.2575	5267168.01	†							
Fennel	Agriculture/ Horticulture	Baskerville Road	524929.1945	5265873.135	†							
Fennel	Agriculture/ Horticulture	Baskerville Road	524652.0582	5267322.172	]							
Fennel	Δgriculture/	Baskerville Road	524644.0237	5267275.975	1							
Fennel	Agriculture/ Horticulture	Baskerville Road	524686.9888	5267439.88								
Fennel	Agriculture/ Horticulture	Baskerville Road	524686.254	5267529.168	<u> </u>							
Fennel	Agriculture/ Horticulture	Baskerville Road	524683.189	5267402.922								
Fennel	Agriculture/ Horticulture	Baskerville Road	524686.254	5267529.168	1							

1	A	1		T	7	I	1	I		ı	I	1
Fennel	Agriculture/ Horticulture	Baskerville Road	524668.8888	5267342.014	Control with		Follow up	4250/5		205	Batanasia II ii i	Determine II
Fennel	Agriculture/ Horticulture	Baskerville Road	524686.254	5267529.168	Traffic management	1350/4	with Traffic management	1350/4	Monitor	DCP	Determined by monitoring	Determined by monitoring
Fennel	Agriculture/ Horticulture	Baskerville Road	524686.254	5267529.168				8				
Fennel	Agriculture/ Horticulture	Baskerville Road	524667.3197	5267318.358	1			O.				
Fennel	Agriculture/ Horticulture	Baskerville Road	524667.3197	5267318.358	1							
Slender Thistle	Agriculture/ Horticulture	Baskerville Road	524947.3429	5266486.4	1							
Sweet Briar	Agriculture/	Baskerville Road	524606.9066	5265680.845	†							
Sweet Briar	Horticulture Agriculture/	Baskerville Road	524972.3585	5265904.294	1							
Sweet Briar	Horticulture Agriculture/	Baskerville Road	524561.1299	5265370.316	1							
Sweet Briar	Horticulture/	Baskerville Road	524305.8906	5265268.064	1							
Sweet Briar	Horticulture Agriculture/	Baskerville Road	524453.6718	5265253.862	†							
Sweet Briar	Horticulture Agriculture/ Horticulture	Baskerville Road	524305.8906	5265268.064	†							
Sweet Briar	Agriculture/ Horticulture	Baskerville Road	524305.8906	5265268.064	1							
Sweet Briar	Agriculture/ Horticulture	Baskerville Road	524669.2296	5267384.717	1							
Sweet Briar	Agriculture/ Horticulture	Baskerville Road	524913.2818	5266514.89	†							
Sweet Briar	Agriculture/ Horticulture	Baskerville Road	524681.3965	5267397.128	1							
Sweet Briar	Agriculture/ Horticulture	Baskerville Road	524691.3928	5267468.112								
Variegated Thistle	Agriculture/ Horticulture	Baskerville Road	524962.485	5266229.006	1							
African boxthorn	Agriculture/ Horticulture	Briggs Road	523585.8166	5268201.797								
African boxthorn	Agriculture/ Horticulture	Briggs Road	523233.2531	5267649.594								
Blackberry	Agriculture/ Horticulture	Briggs Road	522950.9388	5267021.398								
Blackberry	Agriculture/ Horticulture	Briggs Road	523579.7648	5268140.798								
Blackberry	Agriculture/ Horticulture	Briggs Road	523571.171	5268052.934								
Boneseed	Agriculture/ Horticulture	Briggs Road	522929.126	5266957.614								
Boneseed	Agriculture/ Horticulture	Briggs Road	523140.9841	5267506.153								
Fennel	Agriculture/ Horticulture	Briggs Road	523223.1703	5267621.286								
Fennel	Agriculture/ Horticulture	Briggs Road	523600.0216	5268326.583								
Fennel	Agriculture/ Horticulture	Briggs Road	523172.2826	5267576.199								
Fennel	Agriculture/ Horticulture	Briggs Road	523034.9761	5267396.752								
Fennel	Agriculture/ Horticulture	Briggs Road	523588.7192	5268226.964								
Fennel	Agriculture/ Horticulture	Briggs Road	523572.4086	5268063.93								

					_	-	_			-	_	_
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523591.6991	5268256.131					1			
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523591.6991	5268256.131	1			R	8.			
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523110.7607	5267469.952				-6-				
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523071.1059	5267435.61	Control with		-	0.				
Sweet Briar	Agriculture/ Horticulture	Briggs Road	524254.4203	5265248.383	Traffic management	1350/4	with Traffic m	1350/4	Monitor	DCP	Determined by monitoring	Determined by monitoring
Sweet Briar	Agriculture/ Horticulture	Briggs Road	524254.4203	5265248.383	1							
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523591.6991	5268256.131								
Sweet Briar	Agriculture/ Horticulture	Briggs Road	524254.4203	5265248.383								
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523175.1621	5267587.151								
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523145.0977	5267516.183								
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523594.2462	5268284.431								
Sweet Briar	Agriculture/ Horticulture	Briggs Road	523575.6501	5268094.358	_							
Tree lucerne	Agriculture/ Horticulture	Briggs Road	522899.9818	5266877.288	1							
Whitweed	Agriculture/ Horticulture	Briggs Road	523597.5801	5268099.158	1							
Whitweed	Agriculture/ Horticulture	Briggs Road	523158.7365	5267544.678	1							
Whitweed	Agriculture/ Horticulture	Briggs Road	523158.7365	5267544.678	1							
Whitweed	Agriculture/ Horticulture	Briggs Road	523158.7365	5267544.678								
Whitweed	Agriculture/ Horticulture	Briggs Road	522943.2079	5267001.405								
Whitweed	Agriculture/ Horticulture	Briggs Road	522950.4862	5267019.546								
Whitweed	Agriculture/ Horticulture	Briggs Road	522943.2079	5267001.405								
Whitweed	Agriculture/ Horticulture	Briggs Road	522943.2079	5267001.405								
Fennel	Agriculture/ Horticulture	Glen Rose Drive	526321.7198	5271081.146								
Fennel	Agriculture/ Horticulture	Glen Rose Drive	526544.3134	5271077.908	control	140/1	follow up	140/1	Monitor	DCP	Determined by monitoring	Determined by monitoring
Fennel	Agriculture/ Horticulture	Glen Rose Drive	526492.5749	5271118.321								
Sweet Briar	Agriculture/ Horticulture	Glen Rose Drive	526490.9998	5271137.204								
Sweet Briar	Agriculture/ Horticulture	Harvest Lane	522951.5045	5266199.752	control	140/1	follow up	140/1	Monitor	DCP	Determined by monitoring	Determined by monitoring
African boxthorn	Agriculture/ Horticulture	Kathleen Drive	524976.2072	5267089.879								
Blackberry	Agriculture/ Horticulture	Kathleen Drive	524730.8644	5267130.357								
Blackberry	Agriculture/ Horticulture	Kathleen Drive	524699.5144	5267194.023								
Blackberry	Agriculture/ Horticulture	Kathleen Drive	525475.6808	5267069.295	]							
Blackberry	Agriculture/ Horticulture	Kathleen Drive	525475.6808	5267069.295								

					_		_	_		_	_	
Blackberry	Agriculture/ Horticulture	Kathleen Drive	525813.6741	5267161.109					1			
Blackberry	Agriculture/ Horticulture	Kathleen Drive	524695.571	5267223.796	1			OPI	1			
Blackberry	Agriculture/ Horticulture	Kathleen Drive	525475.6808	5267069.295				2				
Blackberry	Agriculture/ Horticulture	Kathleen Drive	525813.6741	5267161.109	1		-	0.				
Fennel	Agriculture/ Horticulture	Kathleen Drive	524652.0582	5267322.172	1							
Fennel	Agriculture/ Horticulture	Kathleen Drive	524667.3197	5267318.358	1			222.62				
Pine tree	Agriculture/ Horticulture	Kathleen Drive	524688.2014	5267295.065	control	280/2	follow up	280/2	Monitor	DCP	determined by monitoring	Determined by monitoring
Slender	Agriculture/	Kathleen Drive	525337.8469	5267055.72	1							
Thistle	Horticulture	Ratifice II Dilve	323337.0403	3207033.72	<u> </u>							
Sweet Briar	Agriculture/ Horticulture	Kathleen Drive	525167.3352	5267003.416								
Sweet Briar	Agriculture/ Horticulture	Kathleen Drive	524998.7101	5267095.978	]							
Sweet Briar	Agriculture/ Horticulture	Kathleen Drive	524712.5558	5267179.502								
Sweet Briar	Agriculture/ Horticulture	Kathleen Drive	525486.1009	5267082.057								
Sweet Briar	Agriculture/ Horticulture	Kathleen Drive	524998.7101	5267095.978								
Sweet Briar	Agriculture/ Horticulture	Kathleen Drive	524998.7101	5267095.978	]							
Sweet Briar	Agriculture/ Horticulture	Kathleen Drive	525486.1009	5267082.057								
Sweet Briar	Agriculture/ Horticulture	Kathleen Drive	525201.3268	5267011.01								
Whitweed	Agriculture/ Horticulture	Kathleen Drive	525662.1438	5267119.757								
Sweet Briar	Agriculture/ Horticulture	Maiden Erleigh Lane	524475.6173	5273460.718	control	140/1	follow up	140/1	Monitor	DCP	Determined by monitoring	Determined by monitoring
Blue perwinkle	Agriculture/ Horticulture	Merriworth Road	527142.7047	5274178.312	control	140/1	follow up	140/1	Monitor	DCP	Determined by monitoring	Determined by monitoring
Sweet Briar	Agriculture/ Horticulture	Merriworth Road	527162.8164	5273596.033	control	110/1	Tollow up	110/1	World	561	Determined by morntoning	Determined by morntoning
African	Agriculture/	Middle Tea Tree	530662.5839	5271268.696								
boxthorn African	Horticulture Agriculture/	Road Middle Tea Tree			1							
boxthorn	Horticulture	Road	528313.6622	5273291.527								
Fennel	Agriculture/ Horticulture	Middle Tea Tree Road	528832.571	5272867.101								
Fennel	Agriculture/ Horticulture	Middle Tea Tree Road	528206.8254	5273378.417	]							
Fennel	Horticulture	Middle Tea Tree Road	529719.8805	5272184.604	]							
Fennel	Horticulture	Middle Tea Tree Road	529713.0688	5272197.071	]							
Fennel	Agriculture/ Horticulture	Middle Tea Tree Road	528426.0419	5273176.933	]							
Fennel	Agriculture/ Horticulture	Middle Tea Tree Road	528823.3928	5272872.556	]							
Fennel	Agriculture/ Horticulture	Middle Tea Tree Road	528255.2598	5273344.704	]							
Fennel	Agriculture/ Horticulture	Middle Tea Tree Road	529695.0152	5272207.719	Control with Traffic	1350/4	follow up with Traffic	1350/4	Monitor	DCP	Determined by manitoring	Determined by monitoring
	Agriculture/	Middle Tea Tree	529117.1136	5272636.133	management	1330/4	management		IVIOIIILUI	DCr	Determined by infollitoring	Determined by monitoring

					_	_	_	_		_	_	_
Sweet Briar	Agriculture/ Horticulture	Middle Tea Tree Road	528283.7245	5273319.93					1			
Sweet Briar	Agriculture/ Horticulture	Middle Tea Tree Road	528705.4547	5272915.519				ORI	X			
Sweet Briar	Agriculture/ Horticulture	Middle Tea Tree Road	529117.9043	5272604.89				8				
Sweet Briar	Agriculture/ Horticulture	Middle Tea Tree Road	529102.425	5272651.815				0.				
Sweet Briar	Agriculture/ Horticulture	Middle Tea Tree Road	528999.358	5272737.45								
Sweet Briar	Agriculture/ Horticulture	Middle Tea Tree Road	528986.0137	5272746.673								
Sweet Briar	Agriculture/ Horticulture	Middle Tea Tree Road	528913.506	5272809.482								
Sweet Briar	Agriculture/ Horticulture	Middle Tea Tree Road	529110.5774	5272616.866								
Whitweed	Agriculture/ Horticulture	Middle Tea Tree Road	528910.1795	5272814.08								
Boneseed	Agriculture/ Horticulture	Old Beach Road	522892.0341	5266253.702	Control	140/1	Follow up	140/1	Monitor	DCP	Determined by monitoring	Determined by monitoring
Sweet Briar	Agriculture/ Horticulture	Vineyard Drive	527380.4326	5273219.004	Control	140/1	Followup	140/1	Monitor	DCB	Determined by monitoring	Determined by manitoring
Tree lucerne	Agriculture/ Horticulture	Vineyard Drive	527418.0912	5273247.412	Control	140/1	Follow up	140/1	ivionitor	DCP	Determined by monitoring	Determined by monitoring

#### Attachment A: Landcare Tasmania Events



300<sup>th</sup> Landcare group formation National Tree Day planting outside MONA's Botanic Institute, Eddington Road, Bridgewater – early August 2021. Attended by 30 people, including Cr Leigh Gray and Cr Phil Owen

Comprised of planting demonstrations, an outline of the importance of Landcare, a short walk to identify local ecologically significant areas with Landcare Tasmania representatives, and a lunch for participants provided by 24 Carrot Gardens. Landcare Tasmania's CEO Peter Stronach highlighted the role that native shrubland has in protecting bandicoot habitat in the area. Over 20 grasses and low-lying shrubs were planted in the area as well as extensive mulching, opposite the new foreshore playground, next to the Botanic Institute.

Bunnings Glenorchy provided attendees with free native shrubs to plant in their own garden.

Attendees included residents, staff from Brighton Council and MONA and their families including kids and University of Tasmania students as well as Cr Bill Harvey from the City of Hobart (also a board member of Landcare Tasmania).



Bridgewater seed propagation workshop, Eddington Road – 20 March 2022. Attended by 20 people, including Cr Aaron De La Torre and Cr Phil Owen.

Plant propagation expert Ruth Mollison from Island Seeds and Landcare Tasmania's Peter Stronach and Evie Drinnan headed out to the Botanic Institute to facilitate a native plants workshop with the Bridgewater Foreshore Landcare Group, local families, local school, and Brighton Council representatives & 24 Carrot Gardens staff.

The "Grow Your Own Native Plants" workshop began with a reconnection walk and talk with Peter Stronach along the foreshore to visit one of the original Prickly Box (Bursaria spinosa) trees that has stood the test of time. The significance of the site was discussed and all that could be done as a Landcare group along the foreshore.



Bridgewater Clean Up Australia Day 6 March 2022, Eddington Street – attended by 20 people, including Cr Phil Owen and Cr De La Torre.

The group was facilitated by Landcare Tasmania, including Peter Stronach and Evie Drinnan, and removed a ute load of rubbish. The group worked with Salt Jordan Valley Anglican and Bean to Brew provided drinks on the day and Bluegum Trailer Hire collected and disposed of the rubbish.

It looks like a 'mother' Prickly Box has been growing in this location since well beyond 1930! A priority for the local group is to give the 'babies' (seedlings) a chance to grow by protecting them from weed invasion and slashing. Prickly Box play a vital role in many of our ecosystems and part of this year's Landcare projects - however - germinating Prickly box is not that easy and is notoriously unavailable at nurseries.

Ruth taught attendees how to plant the Prickly Box seeds, as well as strike cuttings of other coastal species that the group will plant in weeded areas along the foreshore this spring. This included saltbush, native spinach, correa, and pigface cuttings, just to name a few. Some of these plants are important local bush food species as well.

Evie Drinnan, Landcare Tasmania, also attended the Old Beach Saltmarsh sign opening event in February 2022 to support Brighton Council's NRM efforts.