

'HOTSPOT' SITES:

The Leura Falls Creek Catchment Group undertakes biennial surveys to identify and monitor '*hotspot*' sites.

The purpose of these surveys is to identify sites where weed infestation is extreme, and/or where there is damage caused by stormwater flows, with an overall objective of protecting the world heritage national park.

Most of these '*hotspot*' sites are on land managed by the BMCC, however some are either managed by the NPWS or are privately owned.

THE 2023 HOTSPOTS SURVEY:

The 2023 Hotspots Survey was based on field inspections undertaken in October 2023, and ongoing observations by members of the various *bushcare* and *landcare* groups within the catchment.

It did not include many sites that are being managed on an ongoing basis by these volunteer groups.

This survey identified **35** *hotspot* sites and **22** *watchlist* sites. These sites are listed in the report in a geographical order, with maps and co-ordinates to indicate their location.

In an ideal world, all *hotspot* sites would be the focus of urgent remedial works, as they do not reflect an appropriate level of compliance with obligations under the *Biosecurity Act 2015*.

The *watchlist* sites will require ongoing monitoring. They had been previously identified as *hotspots* but have been downgraded because of the efforts of the BMCC, NPWS, contractors, private landowners, and/or volunteer *bushcare* and *landcare* groups.

2024 HOTSPOT PRIORITIES:

The Leura Falls Creek Catchment Group recognises that this is not an ideal world, and that there are insufficient resources to immediately address the issues in all the *hotspot* sites.

The report identifies **13** *hotspot* sites that are considered to have the highest priority, with the hope that the available resources can focus on these locations. They are listed on pages 3 to 6 of this report and are sorted by common characteristics rather than by location.

The location maps from the 2023 Hotspots Survey are included at pages 7 to 11, and the remaining *hotspot* sites from the 2023 survey are listed on pages 12 – 18, also sorted by common characteristics rather than by location.

This report does not list the 22 *watchlist* sites, however they are indicated on the location maps.

HIGHEST PRIORITY HOTSPOTS:

AGENCIES OTHER THAN BMCC:

Site Number: **LHS 01**
 Location: **Railway Corridor**
 Responsible Agency: **TfNSW**
 Issues: **State Priority Weeds**

Located at the start of all the watercourses in this catchment, this is a major source of weed contamination into adjacent sites and the upper reaches of the watercourses in the catchment.



Site Number: **LFC 21**
 Location: **National Park opposite Elysian Restaurant**
 Coordinates: **33°43'13''S
 150°19'04''E**
 Responsible Agency: **NPWS**
 Issues: **State Priority Weeds
 Local Priority Weeds**



This location may be impacted by the masterplanning currently being undertaken by the BMCC.

PARKS AND RESERVES:

Site Number: **LFC 1**
 Location: **Kingsford Smith Park (northern end)**
 Coordinates: **33°42'46''S
 150°18'19''E**
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds
 Local Priority Weeds**



Site Number: **LFC 22**
 Location: **Carrington Park**
 Coordinates: **33°43'21''S
 150°18'59''E**
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds
 Local Priority Weeds**



Site Number: **LFC 29**
 Location: **Silver Mist Reserve.**
 Coordinates: **33°43'50''S**
150°18'56''E
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds**
Local Priority Weeds



Weed infestation in the reserve is impacting the National Park.

Site Number: **GC15**
 Location: **Leura Oval south**
fronting Gordon Road
 Coordinates: **33°43'23''S**
150°19'55''E
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds**
Local Priority Weeds



STORMWATER AND CREEK ISSUES:

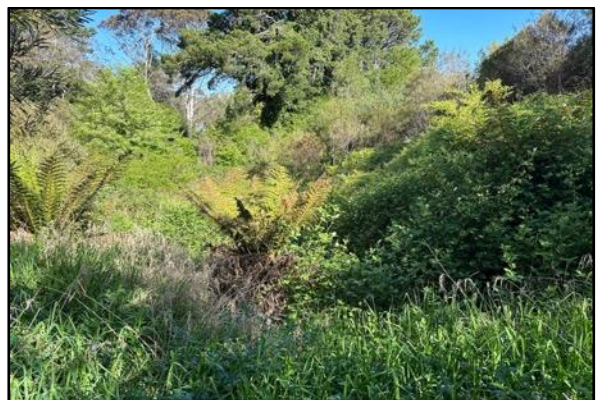
Site Number: **GC16a**
 Location: **Cnr. Gordon Road and**
Lone Pine Avenue
 Coordinates: **33°43'22''S**
150°19'58''E
 Responsible Agency: **BMCC**
 Issues: **Stormwater flows**

Stormwater from Gordon Road is causing major damage in the national park.



Site Number: **LFC 14**
 Location: **Creek below Vale**
Street rain garden
 Coordinates: **33°42'55''S**
150°19'03''E
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds**
Local Priority Weeds

The extent of blackberry infestation is beyond the capacity of a bushcare group.



ROAD VERGES:

Site Number: **LFC 12**
Location: **Gang Gang Street
(northern edge)**
Coordinates: **33°42'47''S
150°18'56''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



Site Number: **LFC 22**
Location: **Cliff Drive at
Carrington Park**
Coordinates: **33°43'21''S
150°18'59''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



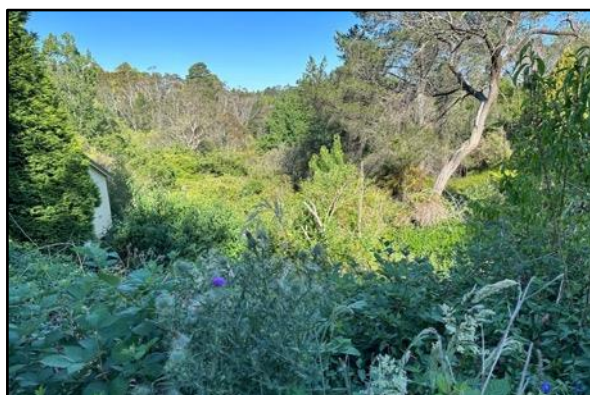
Site Number: **LFC 20**
Location: **Cliff Drive below
Solitary Restaurant &
extending to Merriwa
St. intersection**
Coordinates: **33°43'17''S
150°19'12''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



Despite considerable work by bushcare volunteers this area remains heavily weed infested. Requires work by contractors before Cliff Drive reopens.

UNMADE ROAD CORRIDORS:

Site Number: **LFC 16**
Location: **Unmade Waratah Street**
Coordinates: **33°43'05''S
150°19'05''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds
Stormwater Issues**



PRIVATE PROPERTY:

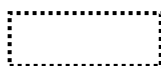
Site Number: **LFC 02**
Location: **Leura Falls Creek
above Wilson Street**
Coordinates: **33°42'41''S
150°19'10''E**
Responsible Agency: **Private Property**
Issues: **State Priority Weeds
Local Priority Weeds**



LOCATION MAPS:

The location of all 'hotspot' sites is identified on the maps on the pages 6 to 10.

LEGEND:



Locations managed by bushcare or landcare groups



Weed hotspots



Stormwater hotspots



Biofilters installed by the BMCC



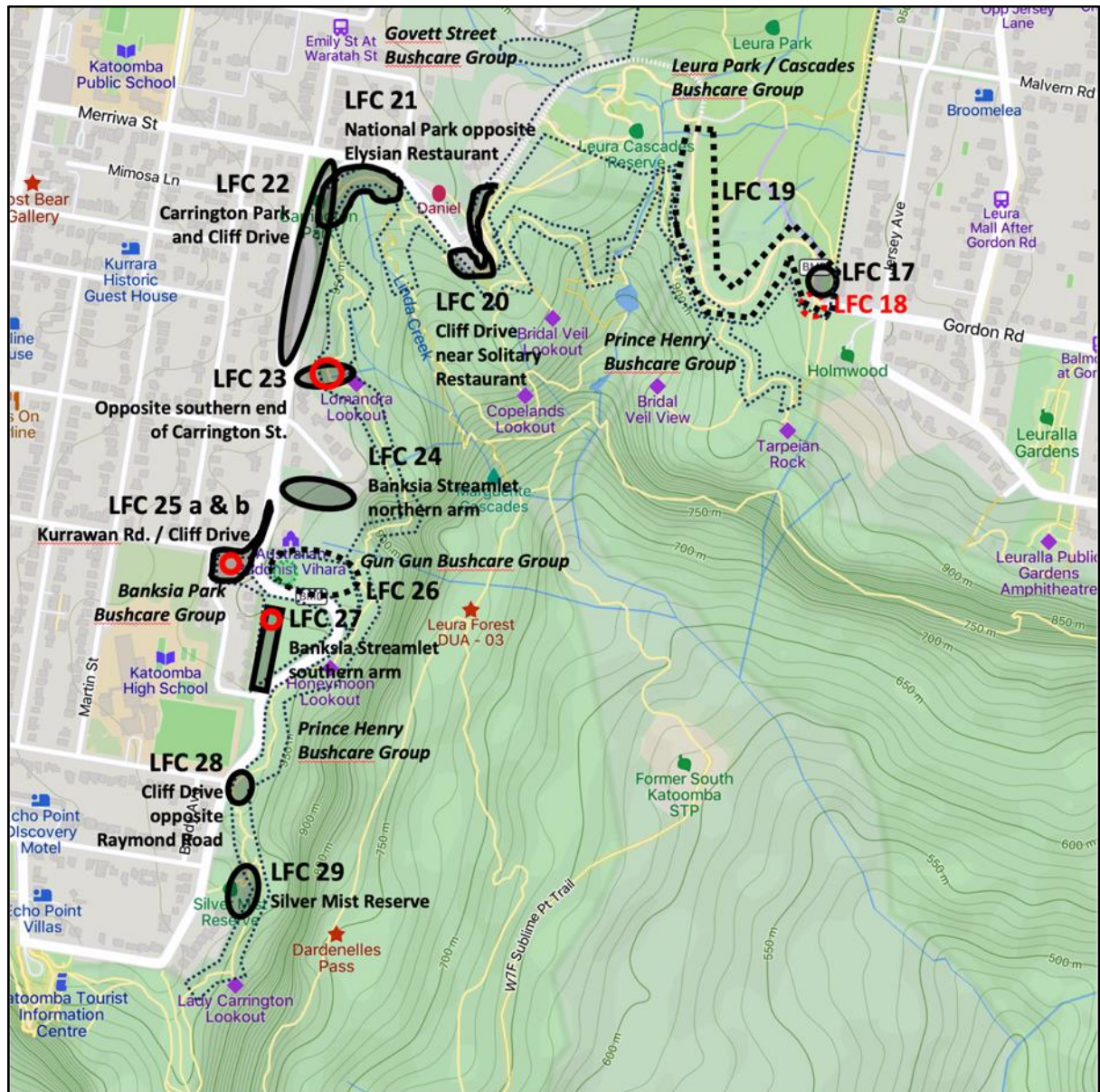
Watchlist - weeds



Watchlist – stormwater

Base Mapping by Mapcarta

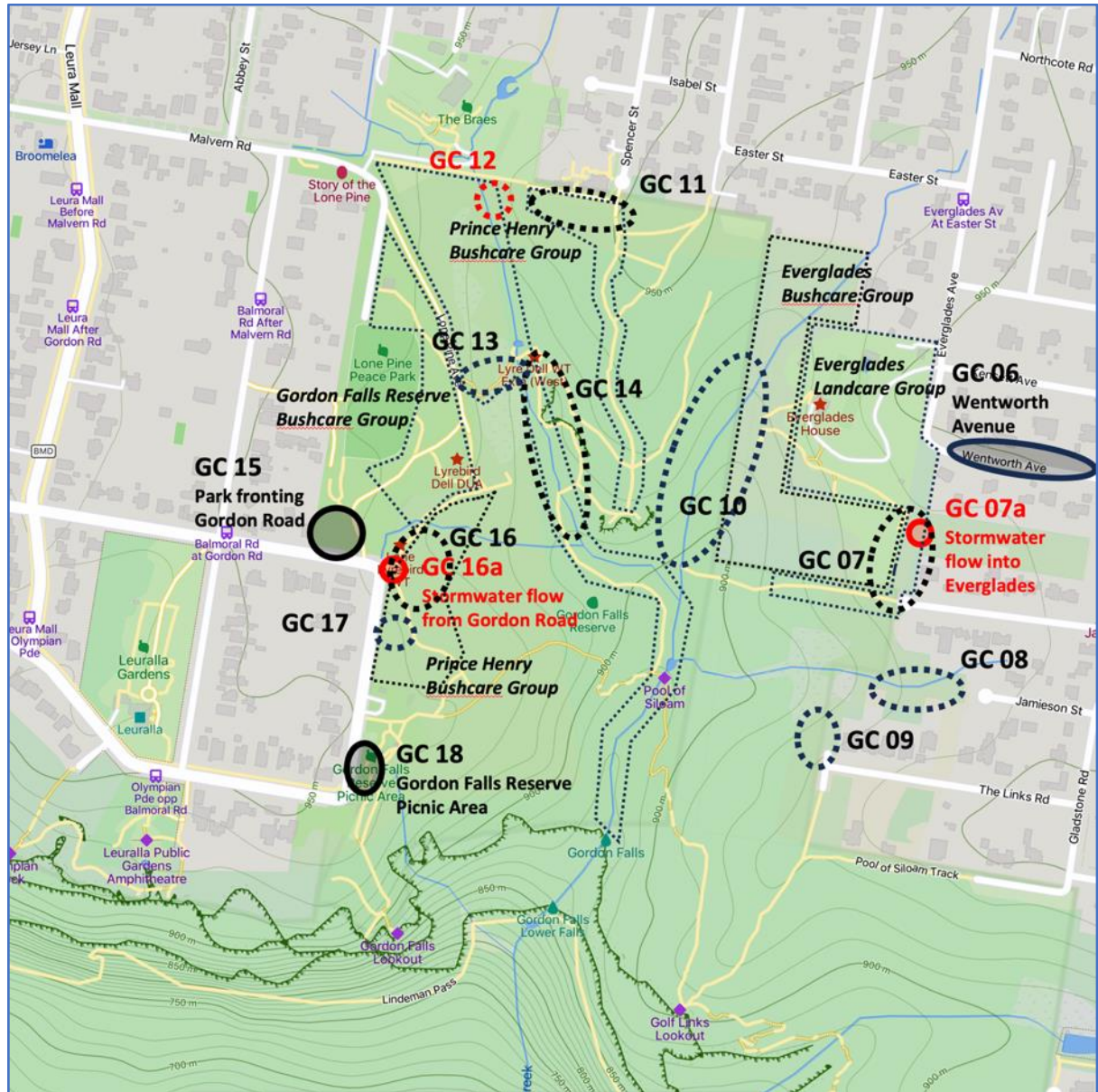
LEURA FALLS CREEK CATCHMENT – LEURA CASCADES



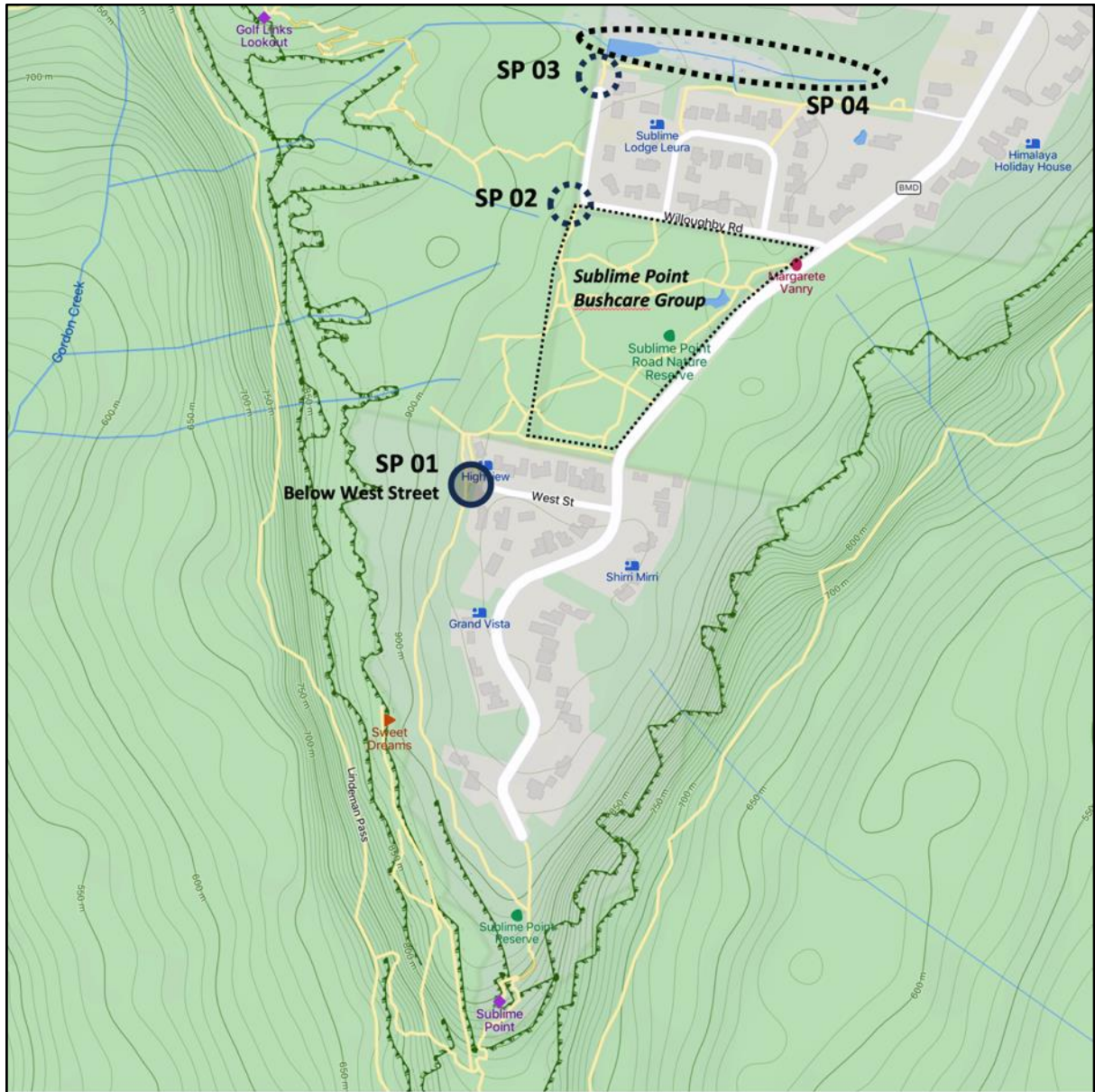
GORDON CREEK CATCHMENT – UPPER SECTION



GORDON CREEK CATCHMENT – GORDON FALLS



SUBLIME POINT



OTHER HOTSPOTS IN THE CATCHMENT:

This is a list of the 'hotspot' sites from the 2023 survey that were not ranked as being of the highest priority. However, should additional resources become available, it would be highly desirable to commence remedial works at these locations.

Site Number: **LFC 17**
Location: **Top of cycle track**
Coordinates: **33°43'18''S
150°19'33''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



Site Number: **SP 01**
Location: **Below West Street**
Coordinates: **33°43'05''S
150°20'18''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**

Garden plants are escaping down a watercourse potentially impacting the national park.



PARKS AND RESERVES:

Site Number: **GC18**
Location: **Gordon Falls Reserve fronting Lone Pine Avenue**
Coordinates: **33°43'03''S
150°19'55''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



STORMWATER AND CREEK ISSUES:

Site Number: **LFC 08**
Location: **Biofilter near Cumberland Street**
Coordinates: **33°42'53''S
150°19'32''E**
Responsible Agency: **BMCC**
Issues: **Stormwater issues**

The biofilter has failed in recent storm events causing erosion downstream.



Site Number: **LFC 09**
Location: **Below the biofilter on the firetrail parallel to Jersey Avenue**
Coordinates: **33°43'04''S
150°19'36''E**
Responsible Agency: **BMCC**
Issues: **Local Priority Weeds**



Site Number: **LFC 15**
 Location: **Cumberland Street Walkway**
 Coordinates: **33°43'00''S
 150°19'08''E**
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds
 Local Priority Weeds**

The private properties upstream and downstream are also heavily weed infested.



Site Number: **LFC 16**
 Location: **Unmade Waratah Street**
 Coordinates: **33°43'05''S
 150°19'05''E**
 Responsible Agency: **BMCC**
 Issues: **Stormwater Issues**



Site Number: **LFC 23**
 Location: **Council land at 69-81 Cliff Drive**
 Coordinates: **33°43'23''S
 150°19'00''E**
 Responsible Agency: **BMCC**
 Issues: **Stormwater Issues**



Some remedial work has been undertaken on an adjacent private property.

Site Number: **LFC 24**
 Location: **Banksia Streamlet northern arm.**
 Coordinates: **33°43'30''S
 150°18'59''E**
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds
 Local Priority Weeds**



Some excellent work recently by BMCC, but much more remains.

Site Number: **LFC 25b**
 Location: **Banksia Streamlet / Swamp**
 Coordinates: **33°43'33''S**
150°18'58''E
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds**
Local Priority Weeds
Stormwater issues



Site Number: **GC03**
 Location: **Unmade Isobel Street**
 Coordinates: **33°3'07''S**
150°20'04''E
 Responsible Agency: **BMCC**
 Issues: **Stormwater Issues**



Site Number: **LFC 27**
 Location: **Banksia Streamlet**
 (southern arm.)
 Coordinates: **33°43'36''S**
150°18'58''E
 Responsible Agency: **BMCC**
 Issues: **State Priority Weeds**
Local Priority Weeds
Stormwater issues



Site Number: **GC07a**
 Location: **Unmade Everglades Avenue**
 Coordinates: **33°43'22''S**
150°20'18''E
 Responsible Agency: **BMCC**
 Issues: **Stormwater Issues**
Stormwater flowing from private properties is negatively impacting Everglades garden and the national park.



BMCC has installed a short section of rock lining and removed weed infestation near Cliff Drive, however the work needs extending. Weed infestation near Dowling St. is impacting the National Park.

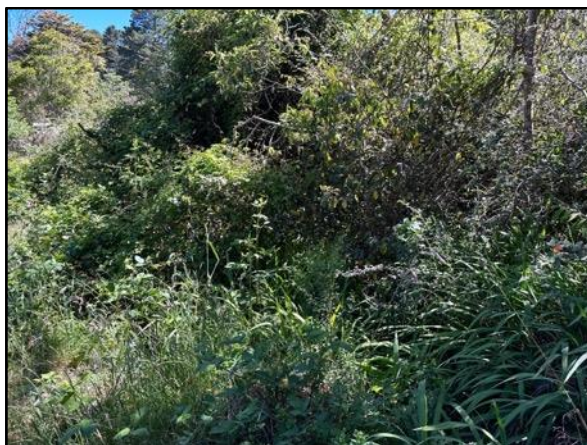
ROAD VERGES:

Site Number: **LFC 13**
Location: **Lovell Street
(northern edge) near
York Street**
Coordinates: **33°42'49''S
150°19'05''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**

There is extensive weed infestation in the adjacent private property.



Site Number: **LFC 25a**
Location: **Kurrawan Road / Cliff
Drive**
Coordinates: **33°43'33''S
150°18'58''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**

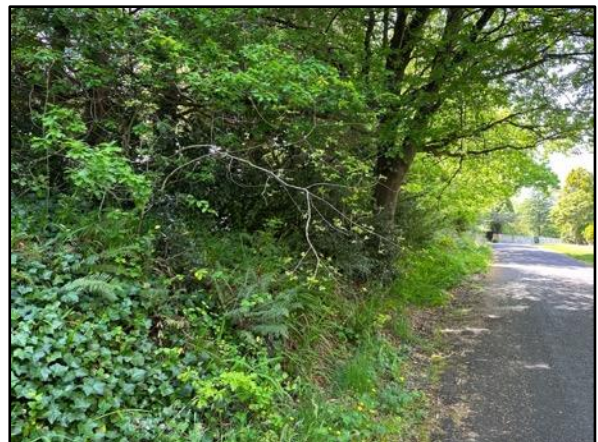


Site Number: **LFC 28**
Location: **Cliff Drive
(opposite Raymond Road.)**
Coordinates: **33°43'45''S
150°18'56''E**
Responsible Agency: **BMCC / NPWS**
Issues: **Local Priority Weeds**



A concentrated section of weed infestation extending from the road edge into the National Park.

Site Number: **GC06**
Location: **Northern edge of
Wentworth Avenue**
Coordinates: **33°43'20''S
150°20'25''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



UNMADE ROAD CORRIDORS:

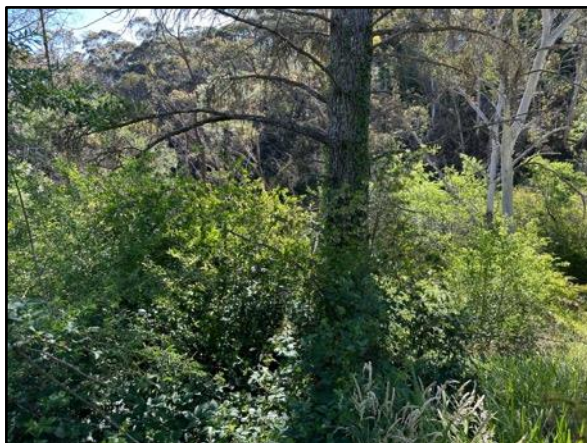
Site Number: **LFC 05**
Location: **Unmade Clarence St.
above Kanimbla St.**
Coordinates: **33°42'40''S
150°19'27''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



Site Number: **LFC 07**
Location: **Unmade Murray
Street + Council land
(8-14 Murray St.)**
Coordinates: **33°42'46''S
150°19'37''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



Site Number: **LFC 06**
Location: **Unmade Kanimbla &
Commonwealth
Streets Council**
Coordinates: **33°42'43''S
150°19'34''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



Site Number: **LFC 11**
Location: **Unmade Miles Ave. +
Council land (16 Miles
Ave.)**
Coordinates: **33°42'50''S
150°18'52''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds**



Site Number: **GC03**
Location: **Unmade Isobel Street**
Coordinates: **33°3'07''S
150°20'04''E**
Responsible Agency: **BMCC**
Issues: **State Priority Weeds
Local Priority Weeds
Stormwater Issues**



Site Number: **LFC 04**
Location: **Leura Falls Creek
between Govett St.
and Megalong St.**
Coordinates: **33°42'46''S
150°19'26''E**
Responsible Agency: **Private Property +
unmade Clarence St.**
Issues: **State Priority Weeds
Local Priority Weeds**



PRIVATE PROPERTY:

Site Number: **LFC 01b**
Location: **Leura Falls Creek
through the Mitre 10
site**
Coordinates: **33°42'36''S
150°19'10''E**
Responsible Agency: **Private Property**
Issues: **State Priority Weeds
Local Priority Weeds**



Site Number: **GC05**
Location: **Everglades creek
south of Easter Street**
Coordinates: **33°43'11''S
150°20'18''E**
Responsible Agency: **Private Property**
Issues: **State Priority Weeds
Local Priority Weeds**

