

# **Mimosa Creek Precinct Landscape Plan Version 2.0**

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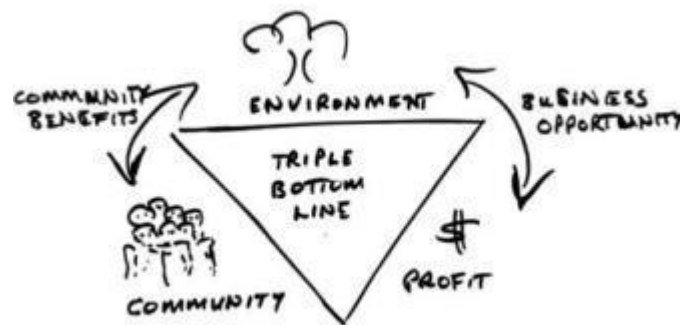
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# 1 Purpose

The purpose of the Mimosa Creek Precinct Landscape plan is to guide the restoration, strengthening and protection of a unique urban bushland habitat which currently supports two hundred and fifty four native plant species, forty five butterfly species, as well as, gliders, echidnas and koalas. Appendix A: Mimosa Creek Precinct Map & Wildlife Corridors

Environment is the key focus of this Plan, however, building and maintaining long term financial and community commitment requires identification of business opportunities and community benefits derived from habitat restoration.



## 2 Foundation of Plan

### 2.1 Environment

Environmental restoration is achieved through consolidation of existing habitat parcels and creation of links between habitat parcels.

#### 2.1.1 Consolidation

Consolidation includes restoration of degraded habitat: weed removal/replanting, and strategic expansion of habitat parcels: reduce edge effect with buffers and acquisition of contiguous parcels.

Consolidation opportunities and threats for Mimosa Creek Precinct include:

- Roly Chapman Reserve
  - Restoration – Appendix B: Roly Chapman Reserve Bushcare Plan
  - Expansion of Reserve to include area of Mimosa Creek behind Klump Road Park&Ride and Hibiscus Sports Complex.
  - Potential habitat fragmentation by inappropriate cycle path alignment.
- Large privately owned land parcels bridging Mimosa Creek
  - Development/building restrictions in-place.
  - Engage land owners in complementary habitat restoration – consider small allotment Land for Wildlife style agreements.
  - Resumption of land parcels bridging Mimosa Creek.

- Main Roads Dept land where Mimosa Creek meets the Pacific Motorway.
  - B4C restoration plan accepted and waiting on funding.
- Meckiff Street Park
  - Southern side of Mimosa Creek near Motoway
- Mt Gravatt Reserve
  - Resumption and restoration of the old Chook Farm on corner of Klump Road.
    - Approximately 9ha – a strategic opportunity to create a 14% increase in existing Mt Gravatt Reserve - Appendix E: Chook Farm
    - High environmental value – Powerful Owl habitat and three waterways.
  - Restoration – Fox Gully Bushcare - Appendix C: Fox Gully Bushcare Plan
    - Ten private property owners currently committed to restoration of wildlife corridor on their land. Potential for shared funding/grant application.
  - Mt Gravatt Reserve Threats – Appendix D: MEG Strategic Plan 2010 - 2020
    - Weeds/Garden Waste/Dumping
    - Downhill Mountain Biking, Trail Bikes & unofficial tracks
    - Feral and Domestic Animals

### 2.1.2 Linking

The three potential links between Mimosa Creek and Mt Gravatt Reserve are:

- A – Old Farm – corner of Klump Road - Appendix E: Chook Farm
- B - Fox Gully – opposite Hibiscus Sports Complex – Appendix F: Fox Gully Stewardship
- C - Firefly Gully – behind Southern Cross Sports Club – Appendix G: Firefly Gully Link

#### Appendix B: Vegetation Communities and Connectivity Options

The current link between Mimosa Creek and Toohey Forest is via large storm water drains under the Pacific Motorway.

## 2.2 Community

Benefits for local community members typically relate to access, education, nature-based recreation, community relationships and land values. The broader Brisbane community benefits typically relate to recreation and tourism.

- Walking/Cycle Paths – Appendix H – Mimosa Creek Precinct – Walking/Cycle Paths - key benefits include:
  - Active engagement with bushland: Commonly parks are actively used by a relatively small percentage of our busy communities with many people being aware of and valuing the park without actively engaging and receiving direct benefit. Extending the existing Roly Chapman walking/cycle path to connect with the Hibiscus Sports Complex and Klumpp Road will significantly increase in community use of the Reserve and incidental contact with birds, butterflies or turtles in Mimosa Creek. Consider the emotional impact for someone seeing a Sugar Glider as they walk to work in the morning.
  - Improved access to Hibiscus Sports Complex. Easier access via an almost flat walking/cycle track will be of particular benefit for pre-driving age children who are target users of the facility.
  - Improved access to Southern Cross Sports.
  - Improved access to shopping centres for residents of expanding student accommodation on Klump Road.
- Education
  - Schools adjoining Precinct:
    - Clairvaux MacKillop College
    - St Bernard’s Catholic School
    - Upper Mt Gravatt State School
  - Griffith University
    - School of Environment
    - Toohey Forest Environmental Education Centre (Education Qld)
  - Potential work experience initiatives
    - First Contact
    - Civic Solutions – Upper Mt Gravatt
- Recreation
  - Bushwalking/bird watching
  - Bushcare – bush experience, social contact, community contribution
- Land values
  - Restoration directly contributes to land values particularly for adjoining properties.

## 2.3 Business

Mt Gravatt Corridor – Neighbourhood planning

- Higher density housing – increased local population will increase value of bushland.

Telstra Mobile Tower (proposed – April 2012)

- Proposed location – south-east (left-hand rear) corner of Park & Ride – Appendix J
- Location and access do not directly impact of planned Firefly Gully wildlife corridor

Private developers

- Community landscape adds to property value
- Off sets – smaller footprint of high rise will create potential for wildlife corridors (Linking) and additions to Reserves (Consolidation) .

Tourism

- Indigenous Walking Tours linked to Echidna Magic Cafe.

## 3 Issues

### 3.1 Property Ownership

Mimosa Creek Precinct includes a complex range of different property ownerships presenting different opportunities and risks. Appendix I – Mimosa Creek Precinct – Property Boundaries

- Translink Park&Ride – Queensland Government
  - Existing & future Park & Ride – Appendix J
- Main Roads Dept (MRD) – Queensland Government
- Hibiscus Sports Complex - Queensland Government & BCC
- Southern Cross Sports - Pepkin Investments Pty. Ltd.
- Roly Chapman Reserve - BCC
- Meckiff Street Park - BCC
- Clairvaux MacKillop College – sports fields
- Private ownership
  - Old Chook Farm – approx 9ha - Appendix E: Chook Farm
  - Properties adjoining Mimosa Creek
  - Properties adjoining Fox Gully
  - Properties adjoining Firefly Gully

Ownership of parcel of land behind Park & Ride is unclear. This parcel includes riparian bush and Mimosa Creek (Future Reserve – Appendix J).

## 4 Research

### 4.1 Flora & Fauna of Mt Gravatt Reserve

A Mt Gravatt Environment Group action leaning research project recording and photographing flora and fauna of Mt Gravatt and Roly Chapman Reserves.



### 4.2 Baseline Flora & Fauna Assessment

Baseline research will provide a foundation for planning and measuring environmental restoration. Waiting on funding approval.

## 5.0 References

Biodiversity Assessment & Management Pty Ltd (2011), *Mimosa Creek Precinct – Flora, Fauna and Fauna Corridor Assessment*

Brisbane City Council (2011), *Draft Mt Gravatt Corridor Neighbourhood Plan*

Brisbane City Council (2008), *Mt Gravatt Outlook Reserve: Draft Land Management Plan*

Fox, M. J. & Jones, S. (2012), *Flora and Fauna of Mt Gravatt Reserve*, Mt Gravatt Environment Group

Gasteen, D. (2006), *Ecological Protection Report for Mt Gravatt Precinct*



## Appendix A: Mimosa Creek Precinct Map & Wildlife Corridors



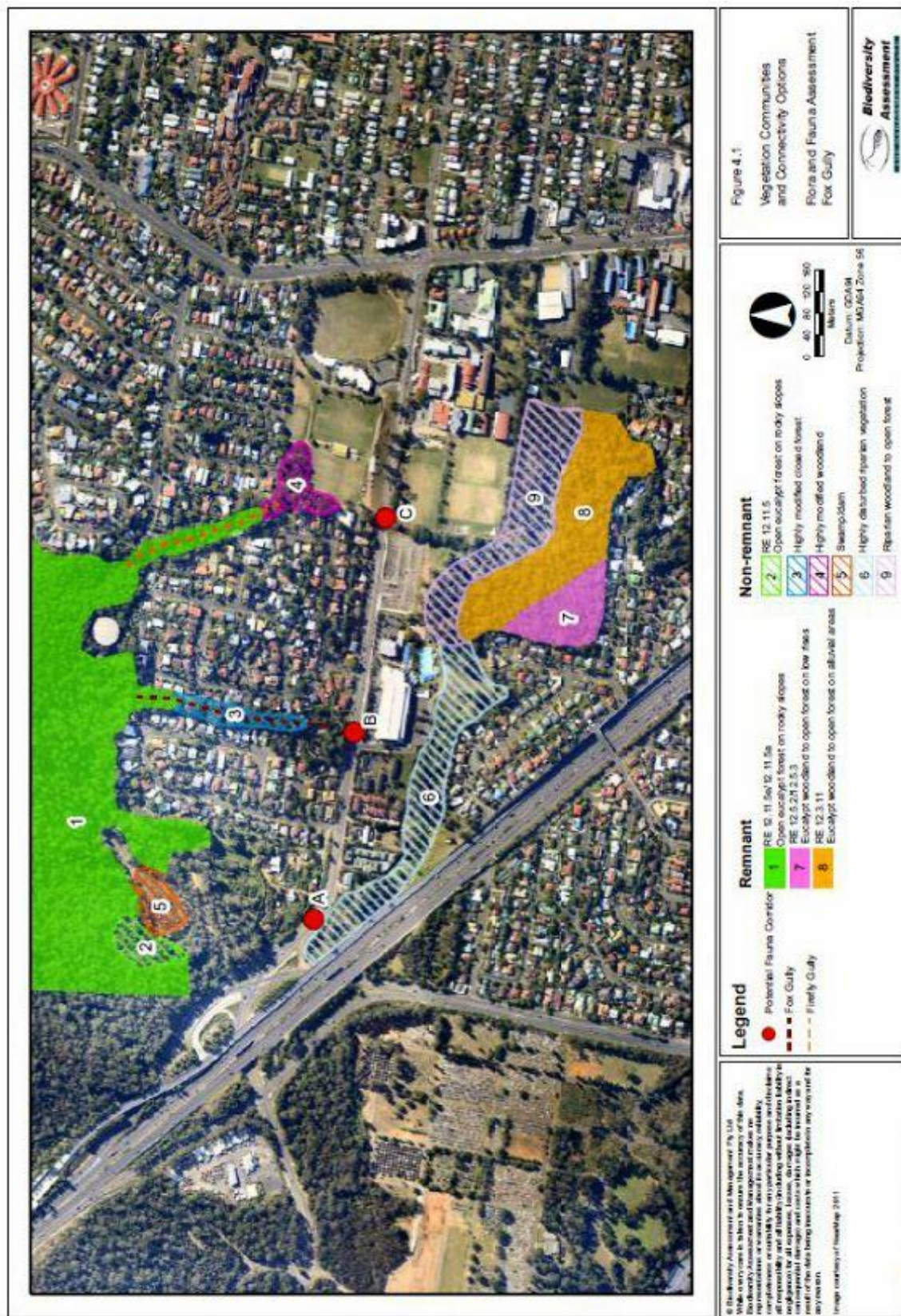
Mimosa Creek

Wildlife Corridors

Bike Path

Fox Gully Bushcare

# Appendix B: Vegetation Communities and Connectivity Options



## Appendix C: Mt Gravatt Environment Group - Strategic Plan



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## Appendix E: Chook Farm

Properties committed to restoration of Fox Gully wildlife corridor – March 2011.



## Appendix F: Fox Gully Stewardship

Owners, of fourteen properties in O'Grady & Arafura Streets, currently support restoration of the Fox Gully wildlife corridor – March 2011. Boundaries in yellow are the approximate areas covered by Environmental Protection corridor surrounding a waterway. For privacy reasons some properties are not shown.

Potential for involvement in shared funding/grants for restoration work.



## Appendix G: Firefly Gully Link

Potential link via landscaping at eastern end of Park&Ride and Clairvaux MacKillop sportsfields.



## Appendix H – Mimosa Creek Precinct – Walking/Cycle Paths



### Walking/Cycle Paths

- Existing
- Proposed
- ← → Access Routes

## Appendix I – Mimosa Creek Precinct – Property Boundaries

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## Appendix J – Telstra Mobile Tower (proposed) & Park & Ride



Proposed tower location with access to be via Park & Ride with no impact on easement linking Future Reserve with Klumpp Road: between Park & Ride and Clairvaux ovals.



400 metre radius around tower includes Clairvaux classrooms, Scallywags Child Care, Upper Mt Gravatt Kindergarten and Netball Centre complex as well as large number of residential properties.