

02 MUNICIPAL PLANNING STRATEGY

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Note:

- **Blue** updates represent changes made in response to Phase 2 engagement; and
- **Red** updates represent changes made in response to Phase 3 engagement.

Final Draft MPPS

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Located on the north-eastern urban-rural fringe of Melbourne, the Shire of Nillumbik (Nillumbik) is approximately 25 kilometres from Melbourne's Central Business District and is generally bounded by the Yarra and Plenty Rivers and the Kinglake Ranges, which are of national and state environmental significance.

~~Nillumbik Shire was formed in 1994 from the merger of parts of the Shires of Eltham, Diamond Valley, Healesville and the City of Whittlesea. It is connected to the north-eastern suburbs and central Melbourne through rail links at Hurstbridge, Wattle Glen, Diamond Creek and Eltham. A large proportion of the shire experiences high bushfire risk.~~

The Wurundjeri Woi-wurrung people are the Traditional Owners of the Country on which Nillumbik is located. The significance of their history and connection with the landscape are essential elements of the shire's unique character.

Approximately 91 per cent of Nillumbik is rural land that lies outside the Urban Growth Boundary and forms part of a metropolitan green wedge, providing a non-urban break between the Whittlesea urban growth corridor and the Lilydale urban area. The green wedge is an area of environmental, landscape and agricultural importance to both Nillumbik and the wider metropolitan region. It contains the Sugarloaf Reservoir, a principal catchment in Melbourne's water supply.

~~Nillumbik forms part of a metropolitan 'green wedge', providing a non-urban break between the Whittlesea urban growth corridor and the Lilydale (eastern) urban area. The 'green wedge' is an area of environmental and agricultural importance to both Nillumbik and the wider metropolitan area.~~

As a Green Wedge Shire, Nillumbik's communities and ecosystems face multiple threats as a result of climate change. A large proportion of the shire already experiences high bushfire risk. In recognition, Council have declared a Climate Emergency, and commits to a climate emergency response, and will proactively integrate climate change mitigation and adaptation into all Council actions. (Nillumbik Shire Council Climate Action Plan 2022 – 2032, page 4).

Nillumbik has an estimated population of ~~61,273~~ 65,369 people (Australian Bureau of Statistics, 2016 Nillumbik Shire Council, 2021). This is not expected to increase substantially; however, an overall ageing of the population is expected. The greatest proportion of people aged over 70 years live in Eltham Central, Wattle Glen and Eltham South.

Much of Nillumbik is rural and is used for a combination of agriculture, rural living and conservation purposes. Within these the rural areas are the several townships of Panton Hill and St Andrews and the much smaller rural communities of Arthurs Creek, Christmas Hills, Cottles Bridge, Doreen, Kangaroo Ground, Nutfield, Smiths Gully, Strathewen and Watsons Creek. The population, however, is concentrated in the established urban areas of Diamond Creek, Eltham, Plenty, Research, Wattle Glen, Hurstbridge and parts of Greensborough. Low-density residential development effectively forms a buffer to rural areas. Each settlement area comprises their own identity and heritage.

~~Nillumbik's high landscape value plays a regional role for Melbourne as an accessible area of natural landscape beauty. The natural environment is a significant reason for people deciding to live and work in Nillumbik. Much of it remains heavily vegetated, particularly in the non-urban undulating regions and along the major rivers and creeks.~~

~~Nillumbik plays a pivotal role in protecting the region's biodiversity. Strategic habitat links that continue into surrounding municipalities connect extensive areas of native vegetation. A significant number of rare and endangered species are found in these native environments.~~

Nillumbik's natural beauty, diverse landscapes and biodiversity are highly valued both locally and regionally. Much of Nillumbik remains heavily vegetated, particularly in the non-urban undulating regions and along the major rivers and creeks. Nillumbik's strategic habitat links extend into surrounding municipalities

and connect extensive areas of native vegetation. The green wedge, including conservation areas, supports a diverse range of species and their habitats, including several indigenous, rare and endangered species the 'vulnerable' Powerful Owl, 'endangered' Southern Toadlet and the 'critically endangered' Eltham Copper Butterfly. Nillumbik also contains several regional and national parks, valued both for their environmental and recreational functions.

~~Nillumbik has a relatively small economic base. The majority of businesses employ less than five people and are in the property and business services, construction and retail sectors. Many of the small businesses are home-based. This is a growing trend, especially in the service sector.~~

Nillumbik's economy is made up of four key industry areas: knowledge based, creative and culture, primary industry and trade, and retail and hospitality. The majority of businesses employ less than five people. A large proportion of businesses are home-based, which is a growing trend in Nillumbik, along with other emerging sectors including arts and culture, food and beverage, visitor attraction and sustainable agri-business.

~~Nillumbik contains several regional recreation resources, such as Kinglake National Park, Plenty Gorge Park, Sugarloaf Reservoir Park, Yarrambat Park, and the network of parks in the Yarra River system.~~

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~~Nillumbik will remain a metropolitan 'green wedge,' maintaining a large natural resource for the benefit of all Melburnians. The planning of Nillumbik will continue to focus on the ongoing sustainability of the 'green wedge' in physical, social and economic terms.~~

~~The Council Plan provides a framework for improving the environmental, social and economic wellbeing of the community. The Council Plan identifies goals that relate to land use and development matters, as follows:~~

- ~~■ To enable a better future for Nillumbik residents and encourage healthy, safe and resilient communities through the provision of quality services.~~
- ~~■ To preserve and nurture the natural environment of the Green Wedge for future and current generations.~~
- ~~■ To provide infrastructure and plan for a built environment which respects and preserves the unique character of the Green Wedge.~~
- ~~■ To develop a prosperous local economy consistent with our Green Wedge values.~~

The Nillumbik Community Vision 2040 emphasises that community and the Nillumbik Green Wedge is at the heart of the Shire. It states:

Nillumbik's places and spaces make an important contribution to health, wellbeing, culture, the environment, biodiversity and economic success. We continue to strengthen the Shire's identity through reinforcing existing natural and built form, improving accessibility and connectivity, protecting the environment, and enhancing both the Green Wedge and tree canopy in urban areas.

We acknowledge the pressures on liveability that in the future will likely challenge the way we live. We continue to strengthen Nillumbik's ability to manage and adapt to changing circumstances, to ensure the Shire and our community remain sustainable and resilient.

Nillumbik's planning related goals are to:

- Protect the Shire's green wedge across all aspects of planning.
- Enhance Nillumbik's sustainability and resilience to both climate change, and bushfire and threats to biodiversity.
- Facilitate enjoyable and connected places that strengthen identity and character, foster social connection and improve accessibility, wellbeing and safety for all.
- Strengthen Nillumbik's identity by protecting and enhancing its natural environment, heritage, arts and culture.
- Support economic growth that capitalises on Nillumbik's strengths, is innovative and is compatible with the natural environment.

02.03 STRATEGIC DIRECTIONS

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02.03-1 Settlement and the Nillumbik Green Wedge

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Maintaining the existing settlement pattern of distinct urban areas and clearly defined rural townships surrounded by non-urban areas is critical to the ongoing sustainability of Nillumbik as a 'green wedge' municipality. Nillumbik, located on the fringe of metropolitan Melbourne, does not form part of a designated growth corridor. Outward metropolitan development, therefore, will not be a significant feature of the municipality.

Nillumbik's key planning issue will be providing a diverse range of dwellings within the Urban Growth Boundary while ensuring that it is in keeping with neighbourhood character. Areas identified as having further growth potential for residential subdivision in existing residential zones include:

- Eltham and Diamond Creek Major Activity Centres.
- Apollo Parkways.
- Land in the Diamond Creek North Area A Development Plan and Diamond Creek Area B Development Plan to the north and north-east of the Diamond Creek Major Activity Centre.
- The Plenty Low Density Residential area.

~~Approximately 92 per cent of Nillumbik is rural land and lies outside the Urban Growth Boundary. Rural areas contain sites of environmental and landscape significance, natural resource based activities and residences. Issues of land use conflict, resource use and environmental management arising from the diversity of uses must be managed through sustainable land use and natural resource management.~~

The Nillumbik Green Wedge is of significant value to the Shire and wider region, particularly for its biodiversity, natural beauty, visitor experiences, agriculture and other non-urban values. It contains sites of environmental and landscape significance and a mix of conservation, agricultural and residential uses. Issues of land use conflict, resource use and environmental management arising from the diversity of uses must be managed through sustainable land use and natural resource management.

~~Council seeks to~~ Strategic directions:

- Maintain non-urban breaks between existing urban areas and non-urban areas, and between rural townships.
- Focus development in the established township and urban areas to take advantage of existing infrastructure and maintain the viability of these areas.
- Protect the green wedge from incompatible use and development.
- Limit subdivision in rural areas to minimise fragmentation of rural land and maintain vistas.

Activity centres

The **Eltham Major Activity Centre** is one of the primary community and commercial focal points within Nillumbik, providing a diverse range of commercial activities, community services, recreational facilities and housing opportunities, as well as containing a substantial public transport hub.

The **Diamond Creek Major Activity Centre** is a shopping, service and community centre for Diamond Creek and adjoining areas. It contains a range of retail, commercial, community and leisure activities and facilities that are serviced by the Hurstbridge railway, limited bus services and a road network dominated by Main Hurstbridge Road, which forms the 'spine' of the centre.

It is envisioned that the Eltham and Diamond Creek Major Activity Centres will continue to be the focus of community life, providing a wide range of shopping and professional services and places to meet and recreate. They will also have an increased role in providing for a diversity of housing and in particular, medium density housing.

Neighbourhood Activity Centres, including Hurstbridge and Research, offer a blend of uses and the availability of public transport generally supports higher levels of business and other activities, resulting in lower car usage and enabling multipurpose trips. Rural townships of Panton Hill and St. Andrews have a strong sense of identity and provide a focus for community life and interaction.

~~Council seeks to~~ Strategic directions:

- Promote Eltham and Diamond Creek Major Activity Centres as the main commercial and community activity areas of the Shire, supported by Neighbourhood Activity Centres, small local convenience centres, rural townships, and rural stores.
- Facilitate an expansion in the range of commercial and community services available in the major activity centres, including those that cater for a local/regional clientele ~~and special interest area.~~
- Facilitate increased diversity and amount of housing in the major activity centres that are sustainable and scaled to respect the surrounding topography.

Eltham Gateway

The Eltham Gateway is a precinct with cultural and landscape significance to the local community and forms the entrance to the Eltham Major Activity Centre.

The Gateway provides services for the local community with a mix of residential, small-scale office and community uses, transitioning to more predominantly residential uses south of Mount Pleasant Road.

The Gateway contains a range of historic buildings that influence the architecture of the area ~~and an avenue of trees that commemorates the World War One.~~ Its topography allows significant vegetated views from Main Road towards the Diamond Valley. Its high levels of indigenous vegetation, which often substantially screen built form from public view, and its modest scale of development, particularly along Main Road, provides a transition from the urbanity of the suburbs to the semi-rural character of Eltham.

~~Council seeks to~~ Strategic directions:

- Protect and enhance the cultural and landscape significance of the Eltham Gateway.

02.03-2 Environmental and landscape values

Protection of biodiversity

The Shire contains extensive habitat links comprising ~~ed~~ of native vegetation and water courses. Given the large number of threatened native species and threatening processes occurring in the Shire, ~~including climate change,~~ planning needs to protect and conserve biodiversity, provide habitats for native flora and fauna, and control pest plants and animals. Importantly, significant remnant vegetation, conservation areas and environmentally significant areas are located on both public and private land. These areas are identified on the ~~F~~faunal habitat and remnant vegetation plan to Clause 02.04.

~~The Bend of Islands is identified for its significant fauna and flora. It is bordered by the Yanakie Farm, which, although has been cleared and used for grazing, has similar environmental characteristics and significance as the Bend of Islands. There is a need for development on this land to avoid or minimise any impact on the Bend of Islands.~~

Roadsides are an integral part of maintaining biodiversity in Nillumbik. Roadside vegetation provides wildlife with movement corridors between larger areas of habitat, and can be the remaining refuge for many native floral and faunal species. In many parts of the Shire, land clearing and urban expansion have left roadsides as the only areas of relatively intact habitat where ground, middle and upper storey vegetation still remain.

~~Council seeks to~~ Strategic directions:

- Protect and enhance areas of environmental significance and conservation.
- Protect significant remnant vegetation.
- Facilitate the establishment of large areas of native vegetation that are interconnected by a network of habitat corridors.
- Protect the habitat areas of native vegetation and fauna.
- Protect and enhance the environmental, landscape and habitat values of roadside vegetation in the Shire.

Waterways and water bodies

Nillumbik is situated in the Yarra Catchment and includes the sub-catchments of Arthurs Creek, Diamond Creek, Watsons Creek and the Plenty River. Nillumbik's environmental and social values are ascribed to areas of environmental and landscape quality in the vicinity of its waterways. The condition of rivers and tributaries in the Shire ranges from excellent in the forested northern part of the Shire to poor in the urban areas.

Use and development have the potential to affect stormwater quality and adversely affect downstream areas. Decline in water quality is associated with unsustainable land management practices, vegetation clearance, unrestricted stock access to streambanks and low flow rates associated with the proliferation of private dams and drought. Increased compacted, paved or covered surfaces result in higher volumes of stormwater run-off that carry pollutants into the waterways.

~~The consideration of environmental values and the facilitation of drainage and sewerage in urban growth areas is particularly important, given their proximity to the Plenty River.~~

~~Council seeks to~~ Strategic directions:

- Protect wetlands, floodplains and waterways from land use and development that will cause disturbance and pollution.
- Encourage land uses that improve water quality and maintain environmental flows.
- Facilitate ongoing and sustainable management of stormwater in development.
- Ensure land use and development avoids adverse impacts on the wider water catchment.

Landscapes

A significant element of the unique character of Nillumbik is its highly attractive landscapes and picturesque views from and of the many valleys and elevated ridge lines. These landscape vistas are highly valued by the community and visitors.

Nillumbik's undulating landscape consists of lowland hills and alluvial plains (~~ridgelines less than 200 metres in elevation~~) in the southern portion of the Shire, and steeper upland hills (~~ridgelines exceed 200 metres in elevation~~) in the north.

Extensive areas of native vegetation, water courses and undulating terrain are the main features that contribute to the landscape identity of the Shire. The rural areas provide vistas of agricultural land, treed bushland, hills and watercourses with minimal urban intrusion. Indigenous vegetation is predominant in landscapes throughout the Shire.

Poorly designed and sited structures (~~including dwellings, sheds, poles, signs and other structures~~) compromise the integrity of these features. Threats include locating ~~dwellings~~ buildings on hill-tops and along ~~ridge-lines~~ ridgelines to take advantage of distant views, the presence of multiple buildings and the use of reflective materials.

In order to maintain the high ~~environmental and~~ landscape values in the Shire, threatening processes associated with the loss and degradation of the natural and built environment need to be addressed.

~~Council seeks to~~ Strategic directions:

- Minimise adverse impacts of land use changes and development on the landscape ~~or strategic environmental values of the land~~.
- Protect and enhance rural landscape character through vegetation retention and respectful siting and design of development in rural areas.

02.03-3 Environmental risks and amenity

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Climate change

Climate change is one of the biggest threats to Nillumbik's future. It is projected that warmer and drier conditions will have negative consequences for health, infrastructure, agriculture, water and biodiversity. [Climate Action Plan, pg3] Its negative impacts include:

- Harsher fire weather and longer fire seasons.
- Water shortages and droughts.
- Consequences on the health of the natural environment.
- Impacts on agriculture and land productivity.
- More frequent and extreme heat waves, storms and flooding events.
- Increase to the urban heat island effect. [Climate Action Plan, pg14]

Council has a target of net zero emissions across Nillumbik by 2035.

Strategic directions:

- Encourage use and development that mitigate and adapt to the impacts of climate change and seek to minimise its negative impacts.
- Protect and enhance the tree canopy across Nillumbik.

~~In rural areas, the need to protect habitat links and minimise fire and flood risk and erosion are important considerations in siting buildings and works. These and off-site considerations (such as ensuring that effluent does not enter watercourses) at the planning stage benefit future occupants of land and the environmental integrity of the area.~~

Flooding, soil degradation and bushfire

In rural areas, the need to protect habitat links and minimise fire and flood risk and erosion are important considerations in siting buildings and works. These and off-site considerations (such as ensuring that effluent does not enter watercourses) at the planning stage benefit future occupants of land and the environmental integrity of the area.

Most areas liable to flooding are located along the Diamond Creek from Hurstbridge to Eltham, along the Yarra River from Kangaroo Ground to Eltham and the Plenty River at Plenty.

Soil degradation

The Shire is not subject to significant landslide activity except where new development alters the conditions of sites on steeper slopes. Most of the soils in

the Shire are susceptible to erosion on slopes and in drainage lines. Soils in the vicinity of Kangaroo Ground have a high shrink-swell potential that can result in foundation movement and hence damage to structures and disruption to services.

Low lying areas of the Shire are prone to dryland salinity particularly in areas that have been extensively cleared. The retention of vegetation and revegetation will be critical in avoiding salinity related problems.

Bushfire

Bushfire risk is a significant issue in the Shire as a result of its vegetation, topography and climate. North Warrandyte, the Plenty Gorge, Christmas Hills and St Andrews have a particularly high risk due to its limited access and egress, as well as its large population concentrations. Climate change will lead to longer fire seasons. Many bushfire prone areas have high environmental significance. Particular attention to fire issues is needed in the design of subdivisions, the siting and design of buildings, and use and management of land in bushfire prone areas.

~~Council seeks to~~ Strategic directions:

- Discourage development, including vegetation removal, that degrades stormwater quality and increases ~~potential risk of~~ soil erosion, expansion and landslip ~~risks~~ or other hazards.
- Avoid siting development in rural areas ~~that are~~ liable to flooding.
- Avoid intensifying bushfire risk to people and property through poorly located, designed or managed use or development.
- ~~Ensure development in rural areas mitigates potential fire risk.~~

Potentially contaminated land

Some areas in Nillumbik contain potentially contaminated soil. For example, the ~~The~~ Plenty/Yarrambat corridor area, which has ongoing pressure for low-density residential development. ~~This area is also known for prior~~ was previously used for gold mining activity. As such, ~~a result some of these areas contain its~~ soil which is ~~potentially contaminated with~~ may contain concentrations of arsenic, cyanide and mercury.

~~Council seeks to~~ Strategic directions:

- Avoid sensitive use and development on land that contains or may contain unacceptable levels of soil contamination, unless testing and necessary remedial treatment have been undertaken.
- **Apply the Environmental Audit Overlay to potentially contaminated land.**

02.03-4 Natural resource management

Agriculture

While much of the geographic area of Nillumbik is rural, there are only a handful of large scale agricultural enterprises. The majority of the rural areas have ~~thin, highly dispersive~~ soils with low fertility that are subject to erosion, making much of the Shire unsuitable for traditional agricultural use. ~~However, the Shire experiences relatively high and reliable rainfall. As such, areas with gentle to moderate slopes (below 20%) are generally of average agricultural quality and much of the Shire has maintained its vegetation cover and resulting environmental values.~~

Broad-scale agricultural enterprises are mostly concentrated to the north-west of the Shire ~~around Arthurs Creek, Doreen and parts of Strathewen~~ where enterprises run on larger land holdings. Very high quality agricultural land exists at Kangaroo Ground and Arthurs Creek. Small agricultural enterprises are prevalent in many rural areas of the Shire.

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~~Many areas in the Shire are significant for agricultural purposes, such as grazing or viticulture, as well as contributing to the significant landscape qualities that characterise the Shire. It may be possible to expand the production of 'high value' horticulture and intensive livestock commodities already well suited to the area. Increasing the productiveness of agricultural industries is important for the sustainability of the green wedge areas, providing the environmental significance is not compromised.~~

The continual pressures of tourism and urbanisation can adversely impact on the rural environment. Conflicts may occur between agricultural pursuits, rural living and other uses. These pressures can lead to changes in the rural landscape character and increased land values, which impacts the ability for farmers to achieve economies of scale. ~~Land use and development in rural areas must be planned to maintain the quality and quantity of natural resources and support the sustainable management of natural systems.~~

It may be possible to expand the production of 'high value' horticulture and intensive livestock commodities already well suited to the area. Increasing the productiveness of agricultural industries is important for the sustainability of the green wedge areas, providing the environmental significance is not compromised.

Agricultural use and development must be planned to maintain the quality and quantity of natural resources and support the sustainable management of natural systems. This may include using new production methods such as permaculture and aquaponics, adopting new technologies, alternative energy sources and crop types, reducing waste or other sustainable and regenerative agricultural techniques. Refer to Strategic framework plans at Clause 02.04-5 identifying indicative land suitability.

~~Council seeks to~~ Strategic directions:

- Protect and enhance agricultural land for ~~both~~ its productive potential and environmental value.
- Retain existing agricultural land for soil based agricultural production.
- Promote land use in rural areas in accordance with the capability and productive potential of the land.
- Promote sustainable ~~agricultural activities~~ agriculture that preserves and enhances food security, and land management practices that minimise adverse impacts on the primary production and environmental values of surrounding land and the catchment.

02.03-5 Built environment and heritage

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Urban and building design

The revitalisation and attractiveness of activity centres and townships are important to the viability of local commercial areas and providing inviting spaces for social interaction. The integrity of streetscapes and natural landscapes can be threatened by development that does not respond to the local characteristics of the area or incorporate design outcomes that enhance the functionality and visual amenity of the area. Additionally, there are opportunities to design places within Nillumbik (including through public art) so that its creative culture continues to be celebrated ~~the Shire endeavours to ensure that all people, including those with a disability or impairment, have safe and efficient access to places and buildings.~~

The Shire endeavours to ensure that all people, including those with a disability or impairment, have safe and efficient access to places and buildings.

The industrial precincts at Eltham, Research and Diamond Creek are located close to residential areas and in areas with high landscape values and vistas. It is important that development on industrial land enhance contributes to the amenity of the area.

~~Council seeks to~~ Strategic directions:

- Protect and enhance urban streetscapes, townships and landscapes.
- Promote urban design outcomes ~~in activity centres and townships~~ that retain the historical and individual characteristics of each area while enhancing its attractiveness, distinctiveness, safety and accessibility.
- Design places and development to maximise access for all users, ~~including pedestrians and cyclists, and cater for the mobility needs of people of all abilities.~~
- Encourage development in industrial precincts to positively contribute to the visual amenity of the area, while ensuring functional layouts and use of land.

Signs

Advertising signs should aim to complement the high visual quality of ~~the~~ urban streetscapes and rural landscapes. The proliferation, ~~of signs and poorly designed~~ and location of signs can significantly detract from the visual amenity and character of an area, ~~as well as and~~ impact on road safety. Sign clutter can also reduce the effectiveness and visibility of individual signs.

~~Council seeks to~~ Strategic directions:

- Encourage signs that provide effective identification of businesses and other land uses without adversely impacting on the amenity of the area.
- Site and design signs to complement and enhance, rather than dominate, the streetscape and landscape.
- Ensure road safety is not adversely affected by signs.

Neighbourhood character

The urban and township areas are characterised by a tree canopy of predominantly indigenous species resulting in vistas that are not dominated by buildings. Residential areas are generally of a lower density than in metropolitan Melbourne, providing for open spaces and retention of a bushland setting. Streetscapes generally consist of single dwellings on conventional lots with ample opportunities for canopy trees.

While most existing dwellings are of weatherboard or brick construction, there is also a strong tradition of adobe and mud-brick construction and continued interest in the use of alternative building materials and techniques such as rammed-earth and straw-bale construction.

The natural and built character of residential areas contributes to a high level of amenity and a strong sense of place for the community.

~~Council seeks to~~ Strategic directions:

- Maintain and enhance the character, including neighbourhood character, of urban and township areas.
- Encourage the use of alternative construction materials where it adds character to the municipality and reflects surrounding development.

Energy and resource efficiency

Increasing levels of greenhouse gas emissions resulting from the increased energy consumption of non-renewable resources is an environmental threat that needs to be addressed, ~~as a means to respond to climate change impacts~~, irrespective of whether the development is situated in a rural or urban location.

~~Council seeks to~~ Strategic directions:

- Promote energy efficiency in ~~the layout of subdivisions and the siting and design of buildings in both urban and rural areas~~ land use and development, including through:
 - The layout of subdivisions.

- The location, siting and design of buildings and places
- The use of renewable energy technologies.

Heritage

~~Nillumbik lies within land occupied by the Wurundjeri – willam clan of the Woi wurrung speaking people~~ The Wurundjeri Woi-wurrung people are the Traditional Owners of the land Nillumbik is located on. A large number of existing Aboriginal archaeological sites that contribute to the cultural heritage of the region have been identified ~~within Nillumbik~~.

Nillumbik also has many sites that have non-indigenous cultural significance, including gold mining related historic sites, as well as original farm houses, bridges and other features that existed since early agricultural settlement. The Shire is also known for its 'environmental buildings' such as the Montsalvat Artists' Colony in Eltham and mud-brick dwellings, ~~which reflect the Shire's artistic heritage~~.

~~Council seeks to~~ Strategic directions:

- Protect and enhance places of heritage significance, including sites of Aboriginal heritage significance.
- Ensure new use and development do not impede on or detract from sites and features of ~~Aboriginal cultural~~ heritage and archaeological significance.

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Housing

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Nillumbik will experience a reduction in household size due to an ageing ~~of the~~ population. Additionally, Nillumbik will need to accommodate an increasing number of households. Currently, there is a lack of housing diversity and the predominant form of housing may not be suitable for all residents ~~in the future, particularly as~~ household sizes decrease and the age of residents increase.

The trend of decreasing average household size ~~and ageing population~~ provides the impetus to provide for some medium density housing ~~as an alternative housing choice and other housing models (such as social housing)~~. Consolidation of development will provide for more efficient use of infrastructure, and will assist in protecting the surrounding natural environment, ~~water catchments, rural~~ significant landscapes and unique settlement pattern.

The locations ~~considered~~ most suited to medium density development are those that are close to infrastructure, including public transport scheduled stops, commercial areas, public open space and other community facilities. The Eltham and Diamond Creek Major Activity Centres and the Hurstbridge Shopping Centre provide such facilities.

~~Council seeks to~~ Strategic directions:

- Facilitate the provision and diversification of housing to meet the projected increase in the number ~~and type of~~ smaller households ~~and the ageing population~~, while respecting the neighbourhood character, ~~and protecting the natural and cultural heritage values of the locality and minimising environmental risk~~.
- Facilitate medium density housing development that is compatible with the character of the area in identified locations that are close to infrastructure.
- ~~Facilitate the provision of affordable housing close to infrastructure and services.~~
- Identify Nillumbik's housing needs in a housing strategy.

Rural residential development

~~Yarrambat and the northern area of Plenty have a rural residential community, while North Warrandyte forms a well treed low density residential area on the northern side of the Yarra River.~~

Residential settlement in rural areas is usually based on an appreciation of the bush and often a willingness to revegetate previously cleared areas. With an undulating topography, there is also the attraction of distant views (~~including ranges, valleys and central and metropolitan Melbourne~~). ~~Inappropriate historical subdivisions have created a significant number of small lots in the Green Wedge, making it susceptible to demand for rural residential development.~~ However, rural ~~areas often~~ residential development is often unsuitable in these areas as they have high bushfire risk and significant environmental values, and lack ~~existing~~ infrastructure and facilities. There is also ongoing land use conflict between agricultural and rural residential land uses and a risk that further rural residential development will fragment rural land into unviable land parcels.

Yarrambat and the northern area of Plenty are suitable in supporting a rural residential community, while North Warrandyte forms a well treed low-density residential area on the northern side of the Yarra River.

~~Council seeks to~~ Strategic directions:

- Discourage residential development in ~~rural areas that disrupt the natural environment, landscape or the productiveness of agricultural land~~ the Green Wedge, unless supported by a council strategy or framework plan.

02.03-7 Economic development

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Business and employment

Economic development opportunities in Nillumbik are likely to be generated by small business enterprises, especially home-based businesses ~~involved in leisure services, retailing, rural industry, tourism, information technology, education and training, innovative environmental management and sustainable agriculture.~~

Economic development should focus on strengthening existing enterprises and facilitating new business initiatives that respect the Shire's environmental, social and economic development priorities.

The main employment locations ~~are~~ the Eltham and Diamond Creek Major Activity Centres, Hurstbridge Neighbourhood Activity Centre and the industrial land at Research, ~~which need to be maintained to continue to provide local employment opportunities for local employment.~~ In non-urban areas, ~~the range of tourism and commercial activities are restricted to activity centres or purposes that can be used in conjunction with agriculture, rural industry or winery.~~ The Major Activity Centres, Hurstbridge Neighbourhood Activity Centre and rural townships offer opportunities for increased tourism activities, ~~including cultural and eco-tourism operations.~~

For the Green Wedge, opportunities exist in agribusiness, tourism, recreation and sustainability including renewable energy. The range of tourism and commercial activities are restricted to activity centres or purposes that can be used in conjunction with agriculture, rural industry or winery.

Nillumbik has deep connections to the arts. It is home to several artist communes, including Montsalvat and Dunmoochin, and has been the centre for various art and architectural movements. Nillumbik continues to support artists across the wider creative sector.

~~Council seeks to~~ Strategic directions:

- Promote economic development opportunities that build on and respect the cultural and physical characteristics and rural focus of the Shire.
- Support the economic and employment viability of Activity Centres, Town Centres and the industrial land at Research.
- Encourage ~~land uses that expand tourism opportunities and~~ tourism that showcases Nillumbik's cultural and nature-based assets and generates local employment opportunities.
- Encourage use and development in agribusiness that promote innovation in sustainable and regenerative agriculture.

- Encourage use and development that grows creative and cultural industries.

Industry

The existing industrial precincts in Eltham, Research and Diamond Creek are close to full capacity. To facilitate new industrial uses, these precincts should be retained for industrial uses and protected from the encroachment of other uses. This is unless Council has identified the land to be rezoned or redeveloped with other uses, such as ~~is the case for~~ the Bridge Street Business Area Precinct in the Eltham Major Activity Centre.

~~Council seeks to~~ Strategic directions:

- Protect industrial precincts from non-industrial use and development unless ~~otherwise identified~~ a council strategy supports rezoning or redeveloping the land with other uses.

02.03-8 Transport

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Nillumbik is a commuter area with the majority of the workforce travelling to other areas for employment. Consequently, issues arise such as increased greenhouse gas emissions and traffic congestion and the need for residents to access employment and public transport services. Improving safe and easy access to sustainable transport options, such as public transport and walking and cycling, can reduce car dependency and travel related emissions. Currently, public transport consists of the Hurstbridge railway line and connecting local bus routes concentrated in the urban south-west area of the Shire. The further development of pedestrian and cycle trails to link the key activity centres is a priority to encourage safe ~~pedestrian~~ and convenient access for residents.

~~The concentration of a range of facilities within commercial areas, activity centres and townships increases the options for multi-purpose trips and the use of public transport.~~

Many unsealed local roads service traditional residential, agricultural or bush uses and would be unsuitable for new uses requiring significant increases in traffic movement. The Western Ring Road and Whittlesea's urban growth corridor will continue to increase demand on Nillumbik's road network and other infrastructure.

~~Council seeks to~~ Strategic directions:

- Facilitate increased public transport usage and opportunities for walking and cycling to reduce car-dependency.
- Incorporate greater links between land use planning and transport, especially in relation to activity centres and the public transport network.
- Facilitate development that improves connectivity and accessibility, particularly for pedestrians and cyclists, within and between activity centres, public transport stations and the wider region.
- Facilitate safe and efficient roads and road links within the municipality and to the wider region that cater for all users.

02.03-9 Community Infrastructure

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Open space and recreational facilities

Nillumbik contains extensive areas of open space for the purposes of conservation. These areas are mainly connected to the major river and creek systems. The Open space and recreation facilities plan to Clause 02.04 identifies the open space and trail network and recreational facilities across Nillumbik.

In urban areas, the open space network ~~needs to~~ should provide a broad range of recreational facilities and open space areas near residential areas.

In rural areas there are a number of horse riding, walking and mountain-bike trails. The emphasis is towards developing key regional and district recreational areas, enhancing and developing open space within townships and settlements, protecting native flora and fauna as well as developing a comprehensive regional based trail network.

Community facilities should be accessible to all groups, including children, youth, elderly persons and those ~~who are disabled~~ with a disability. The dispersed population in the rural areas creates major challenges for the equitable distribution of community facilities, especially in dispersed areas where the population is heavily reliant on private transportation.

~~Council seeks to~~ Strategic directions:

- Facilitate the provision and linking of trails, open space and local recreational facilities to form a network across the Shire, while minimising negative impacts on the natural environment.
- ~~Ensure~~ Encourage trails, open space and recreational facilities are to be safe, equitable and accessible to all community members.
- Facilitate the provision of active and passive recreational facilities as an integral part of each township.

02.03-10 Development infrastructure

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The dispersed nature of low-density residential areas creates difficulties in providing a full range of infrastructure services, and rural areas invariably have only limited physical infrastructure. A large part of the rural areas in the Shire rely on all-purpose effluent disposal systems as sewer is unavailable. A number of existing rural lots are unsuitable for residential development as effluent generated on site cannot be contained on-site.

The use of development contributions in the funding of infrastructure is important for designated residential areas where the existing infrastructure cannot cater for the expected density increase. This includes, the low-density housing in the Plenty/Yarrambat Corridor, new residential developments in Plenty and Diamond Creek, and in-fill development in urban areas. In particular, existing drainage arrangements in the Yarrambat area are insufficient for the further development of this area.

~~A large part of the rural areas in the Shire rely on all-purpose effluent disposal systems as sewer is unavailable. A number of existing rural lots are unsuitable for residential development as effluent generated on site cannot be contained on-site.~~

~~Council seeks to~~ Strategic directions:

- ~~Facilitate efficient provision of infrastructure to areas designated for residential and low density residential development.~~
- Minimise infrastructure servicing demand in rural areas.
- Facilitate the consolidation of rural lots to create larger lots capable of containing effluent on site.
- Facilitate efficient provision of infrastructure to areas designated for residential and low-density residential development.

02.04

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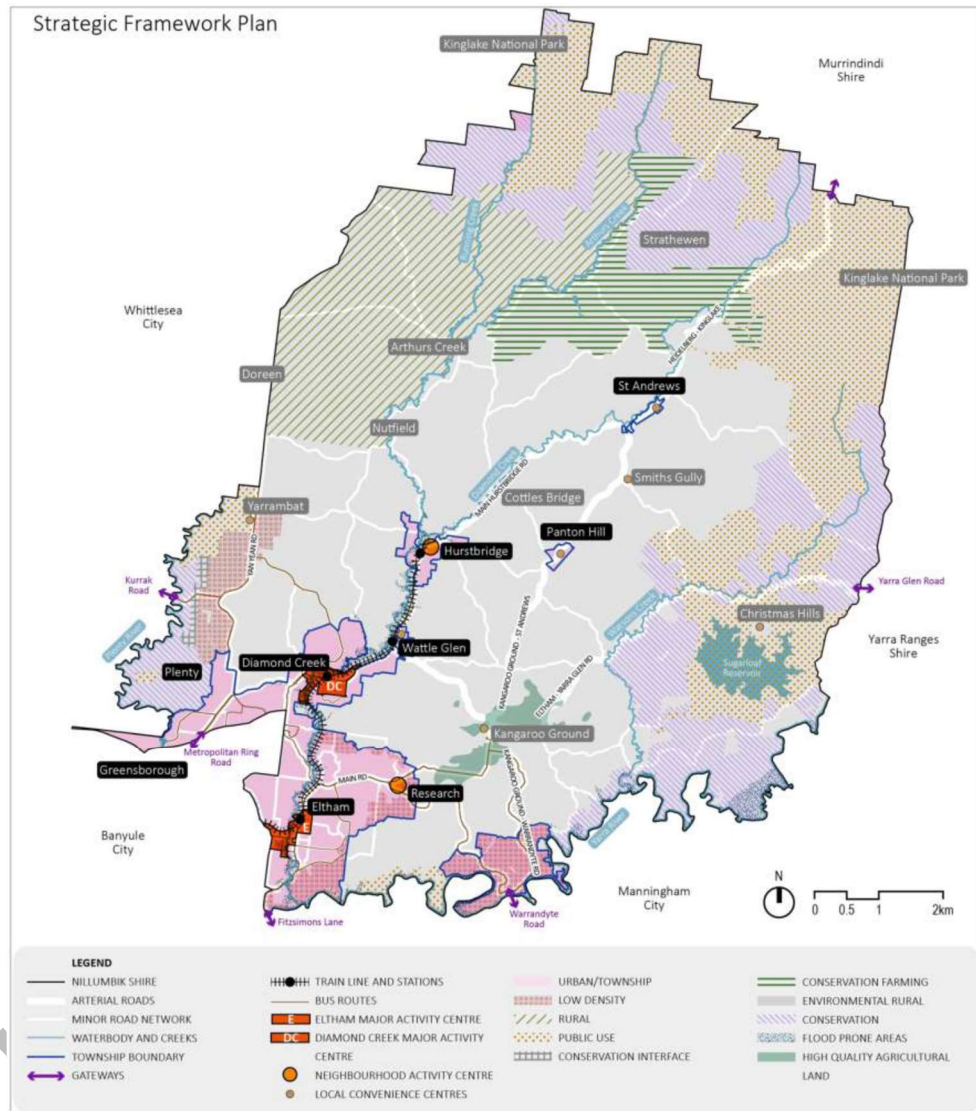
Strategic framework plans (Current MPS in planning scheme)

The plans contained in Clause 02.04 are to be read in conjunction with the strategic directions in Clause 02.03.

02.04-1

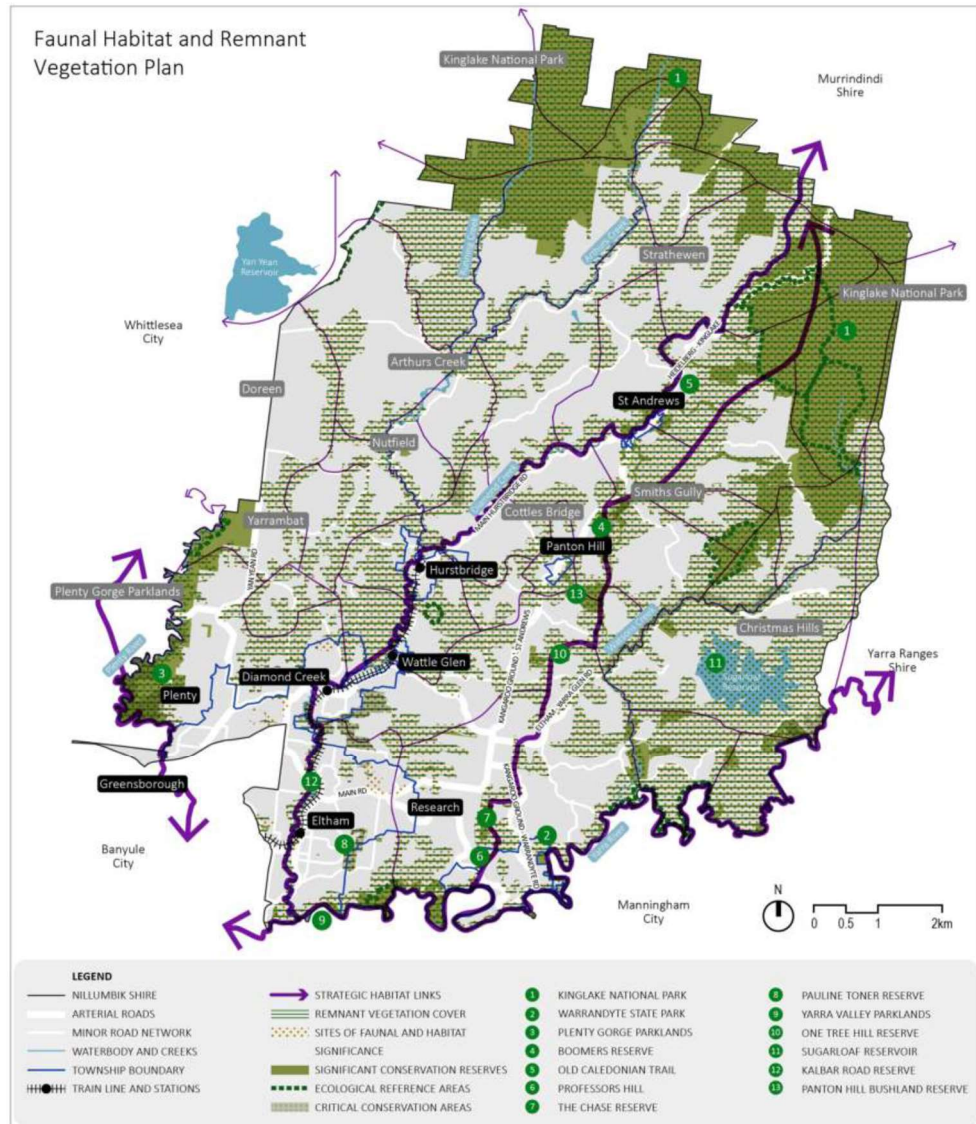
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Strategic framework plan (Current MPS)



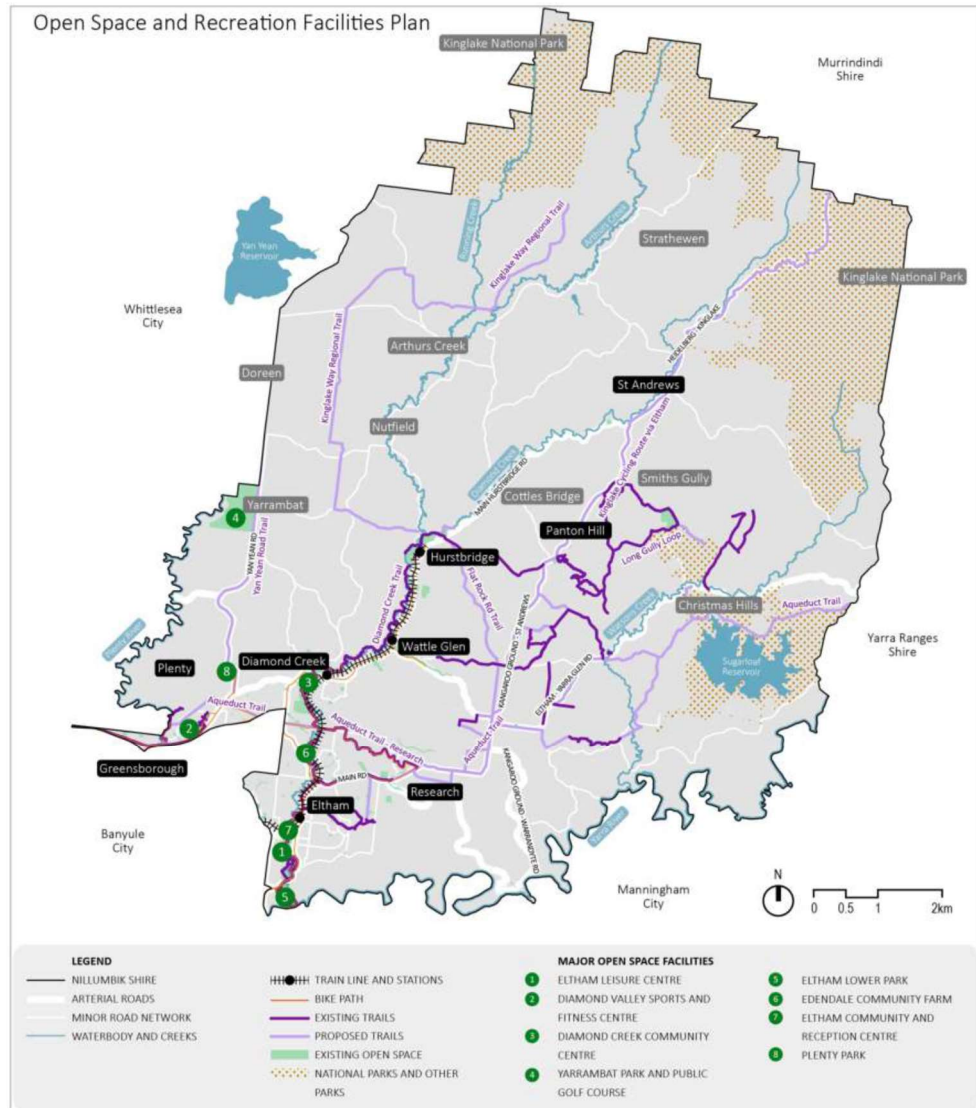
02.04-2 Faunal habitat and remnant vegetation plan (Current MPS)

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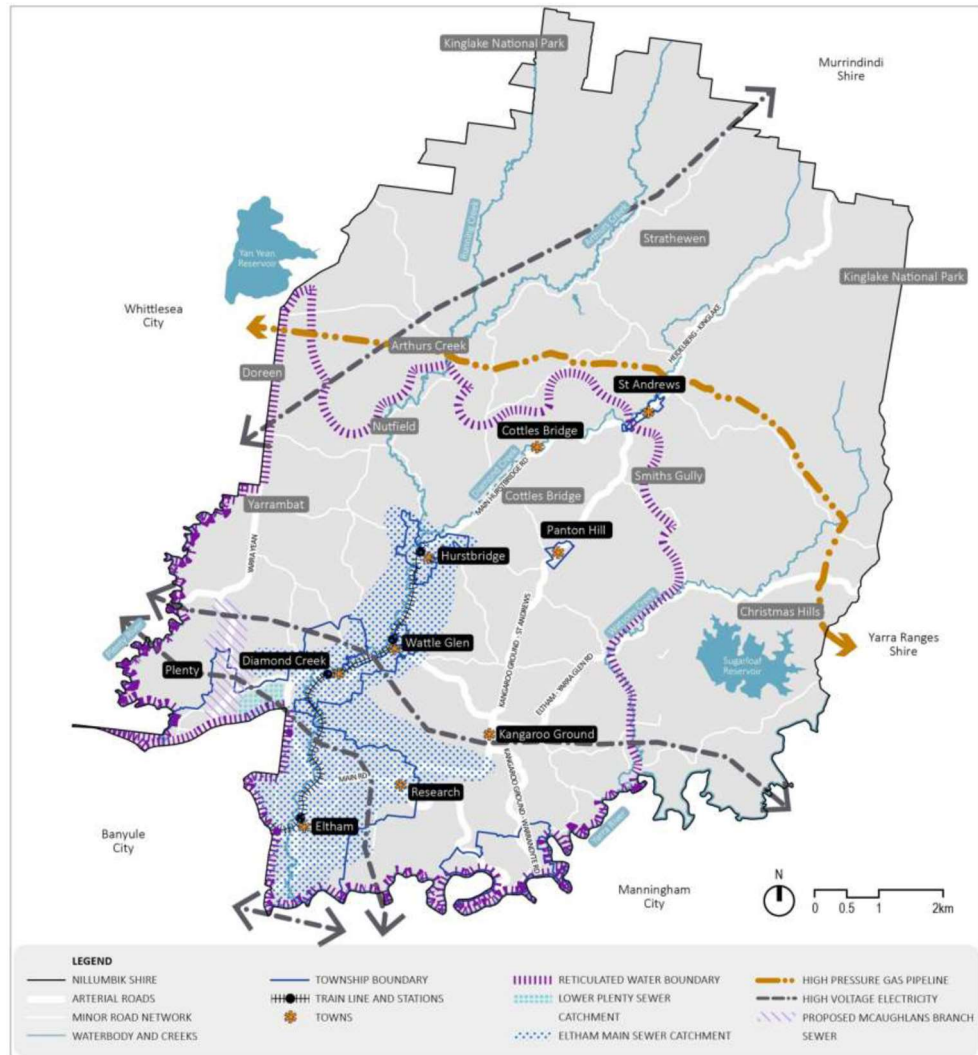
02.04-3 Open space and recreation facilities plan (Current MPS)

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02.04-4 Infrastructure assets plan (Current MPS)

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02.04 Strategic framework plans (Exhibited MPS Phase 3 Version)

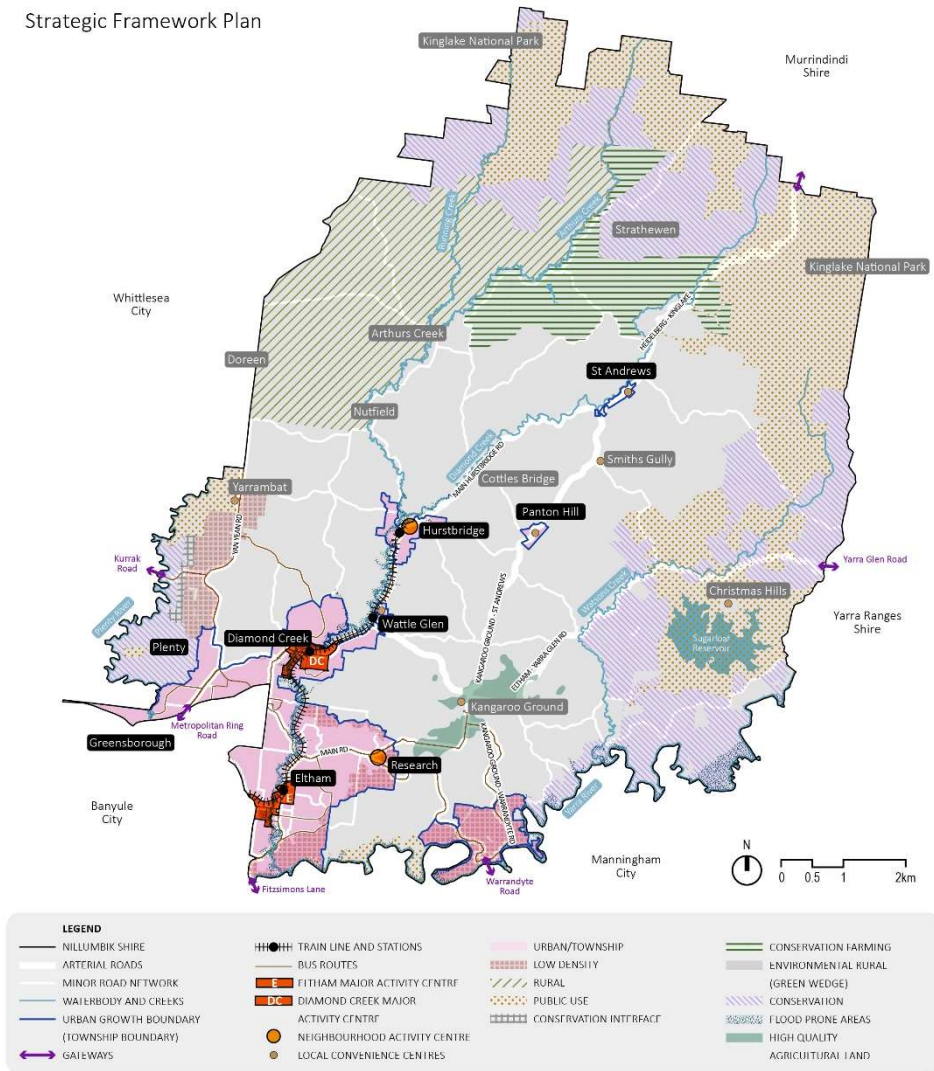
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The plans contained in Clause 02.04 are to be read in conjunction with the strategic directions in Clause 02.03.

02.04-1 Strategic framework plan (Exhibited Phase 3 Version)

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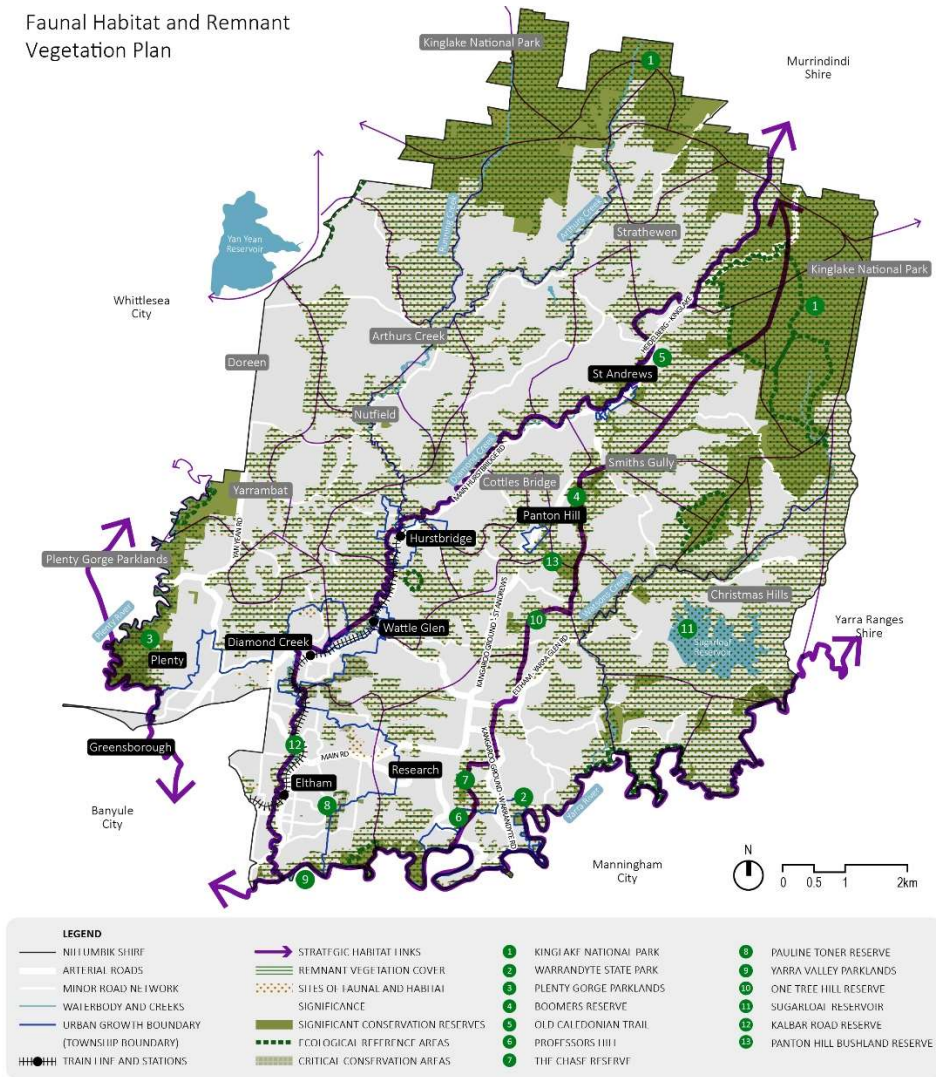
Strategic Framework Plan



02.04-2 Faunal habitat and remnant vegetation plan (Exhibited Phase 3 Version)

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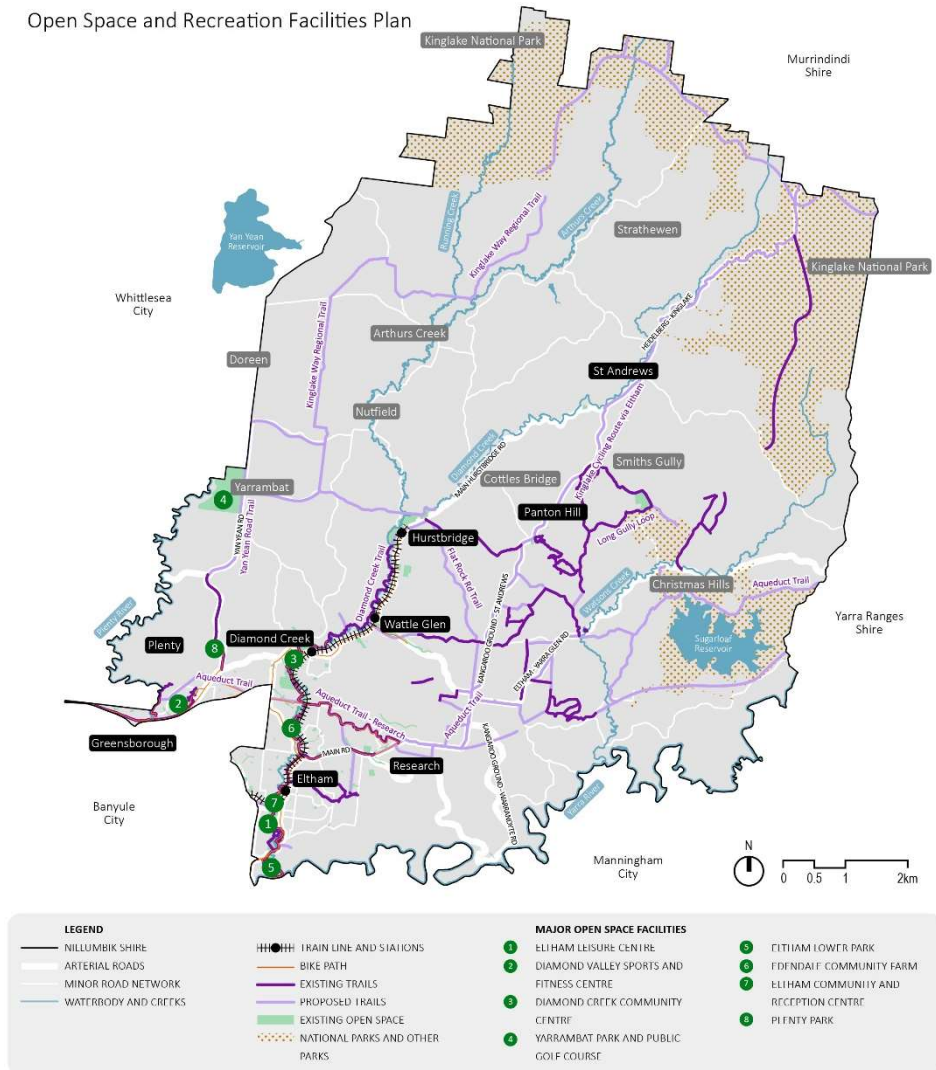
Faunal Habitat and Remnant Vegetation Plan



02.04-3 Open space and recreation facilities plan (Exhibited Phase 3 Version)

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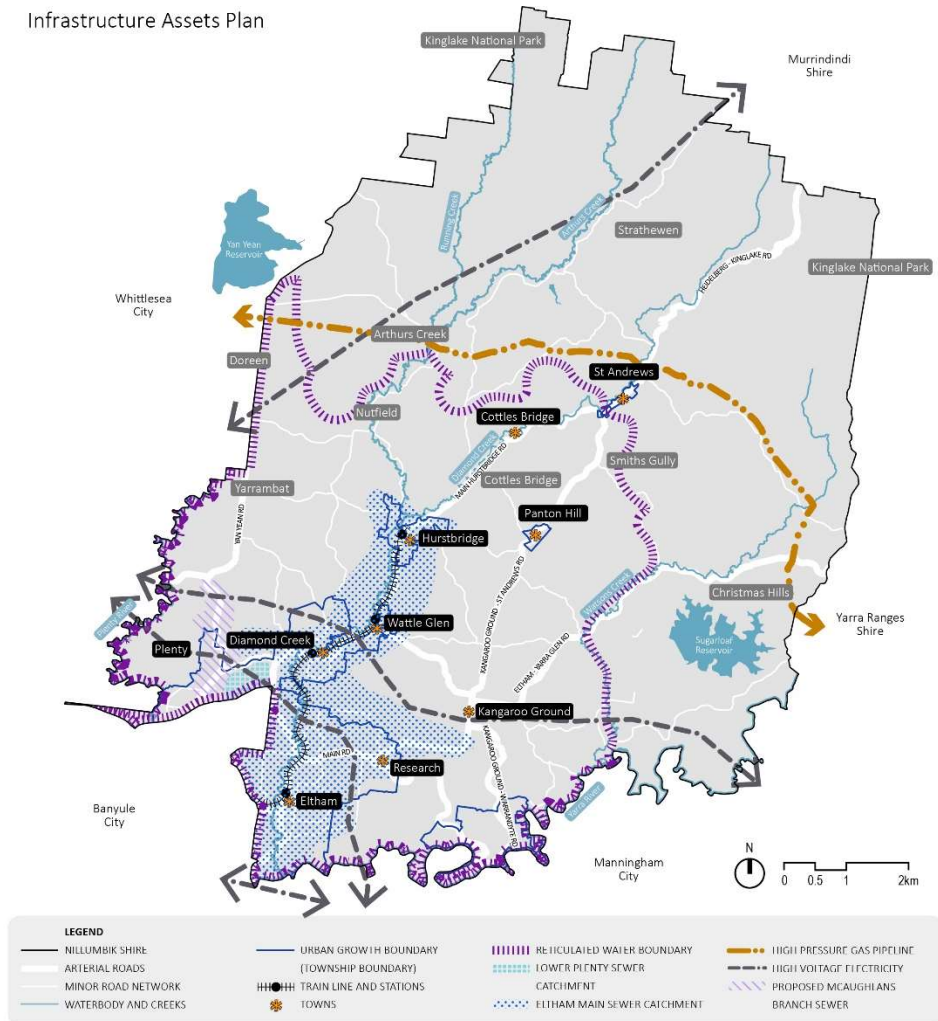
Open Space and Recreation Facilities Plan



02.04-4 Infrastructure assets plan (Exhibited Phase 3 Version)

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Infrastructure Assets Plan



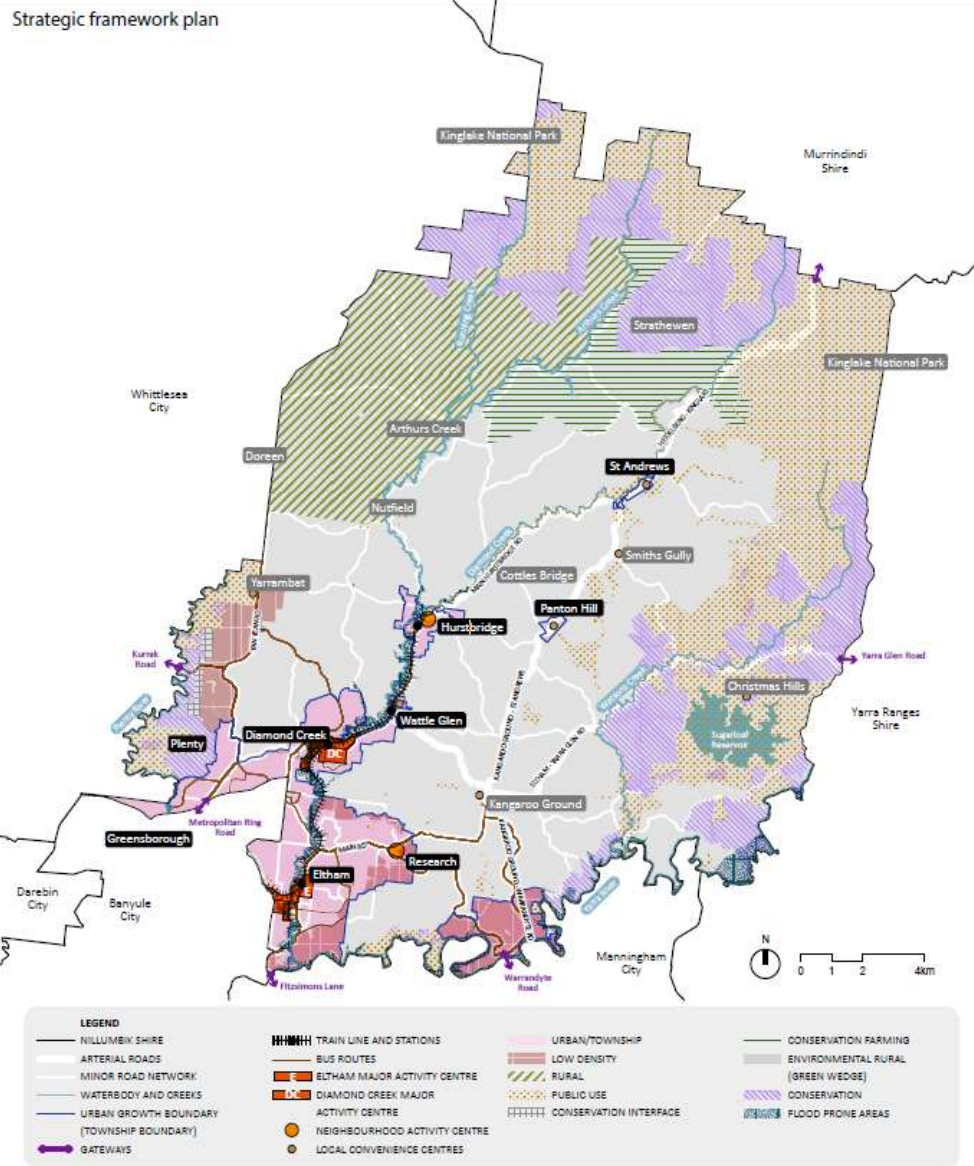
02.04 Strategic framework plans (Final Draft MPS)

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The plans contained in Clause 02.04 are to be read in conjunction with the strategic directions in Clause 02.03.

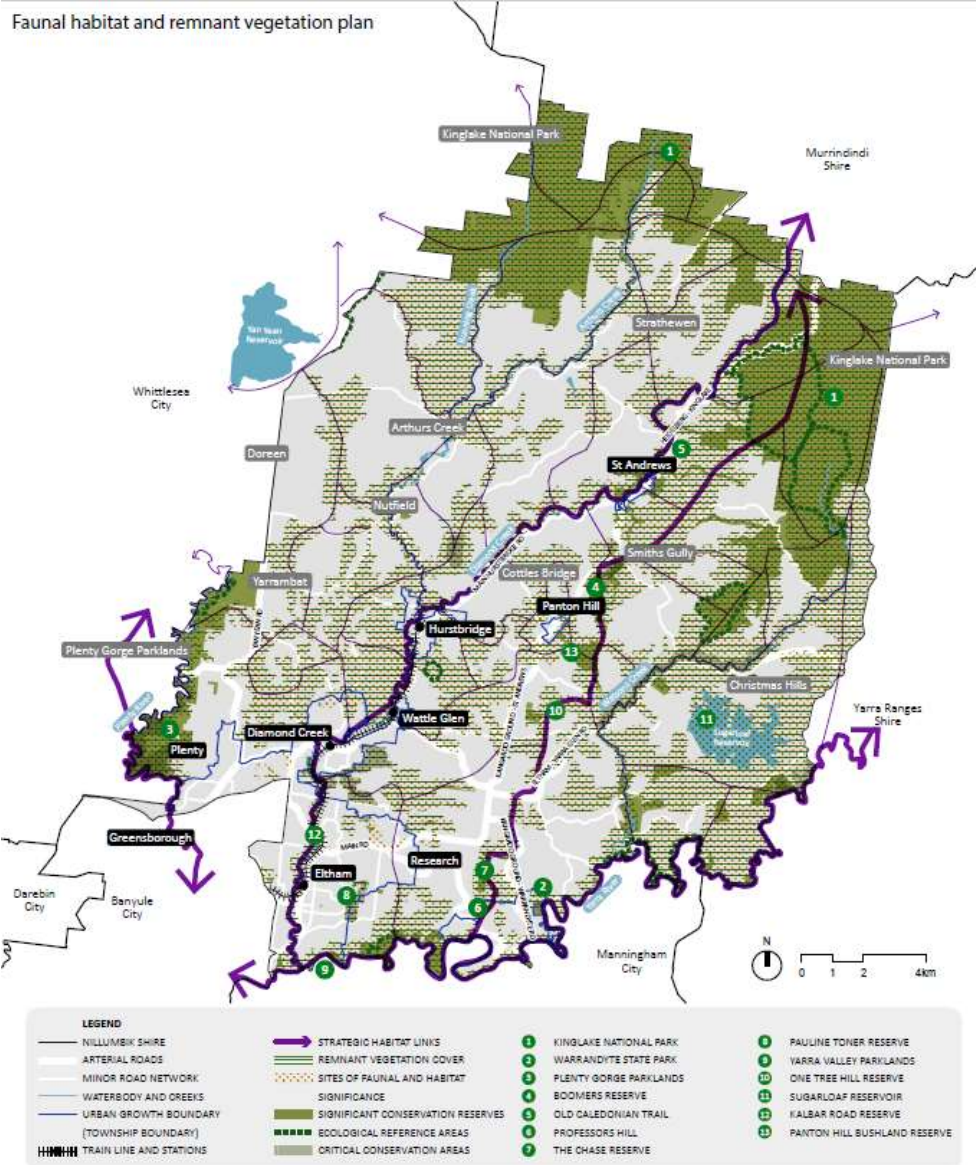
02.04-1 Strategic framework plan (Final Draft MPS)

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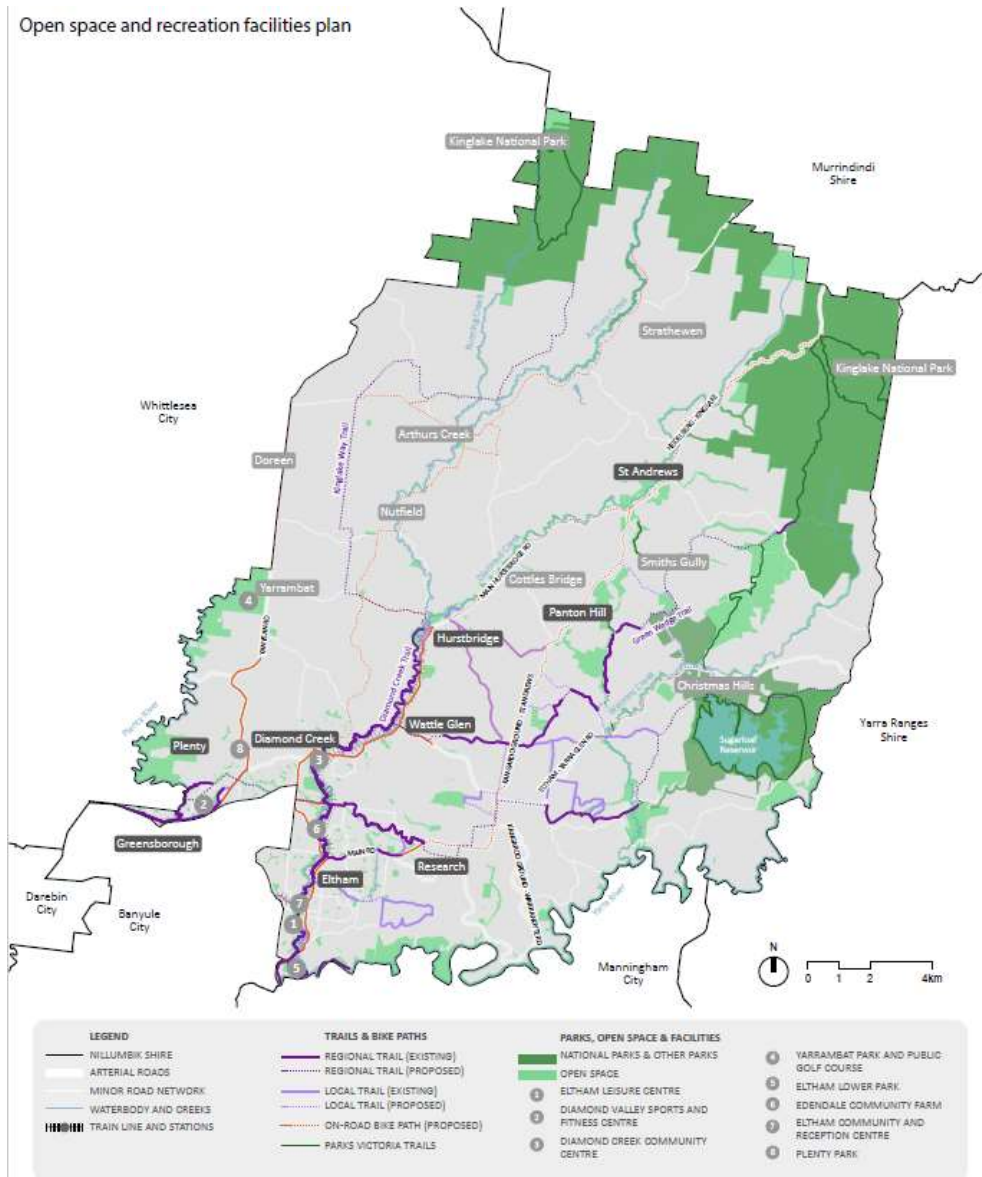
02.04-2 Faunal habitat and remnant vegetation plan (Final Draft MPS)

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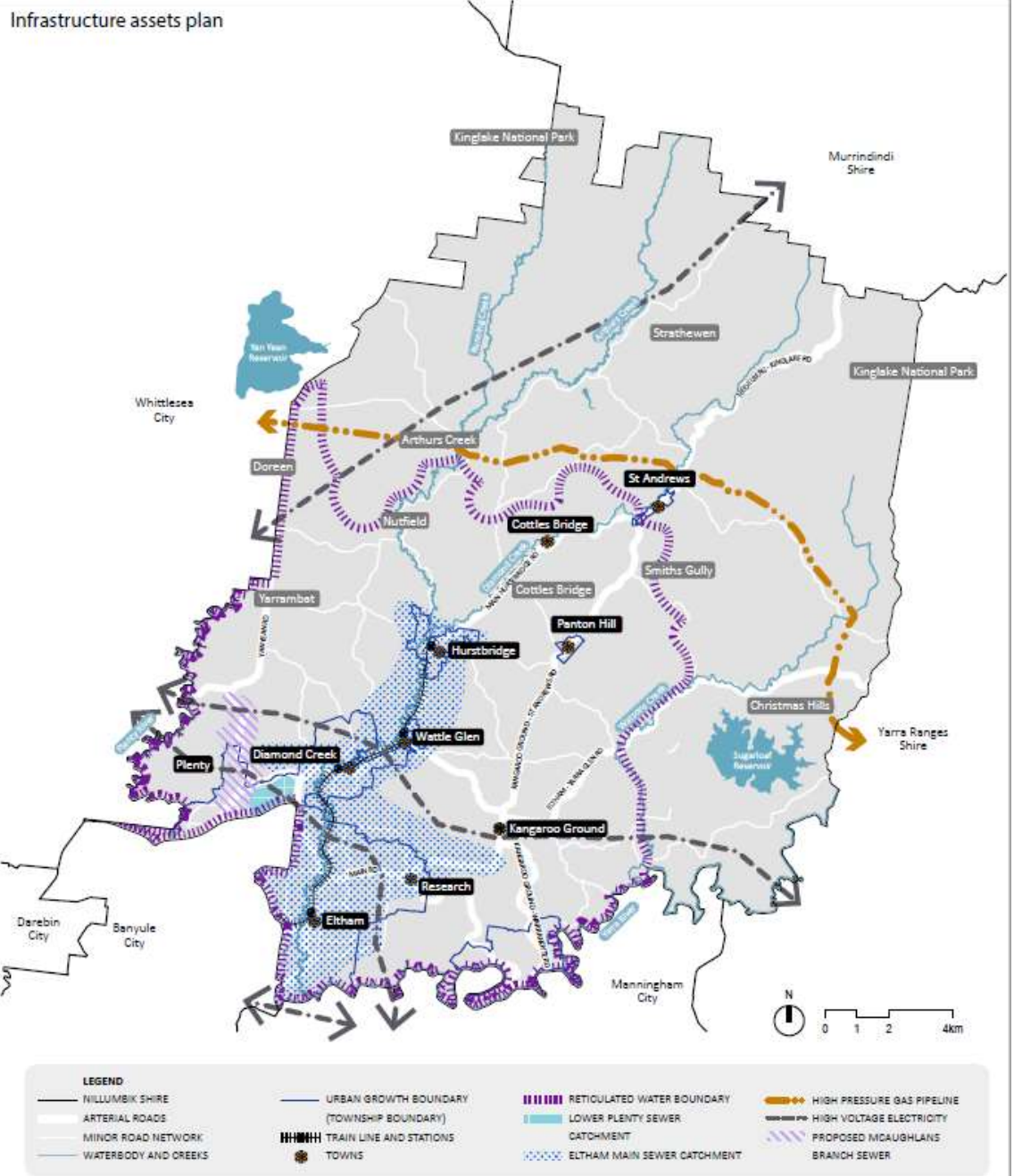
02.04-3 Open space and recreation facilities plan (Final Draft MPS)

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02.04-4 Infrastructure assets plan (Final Draft MPS)

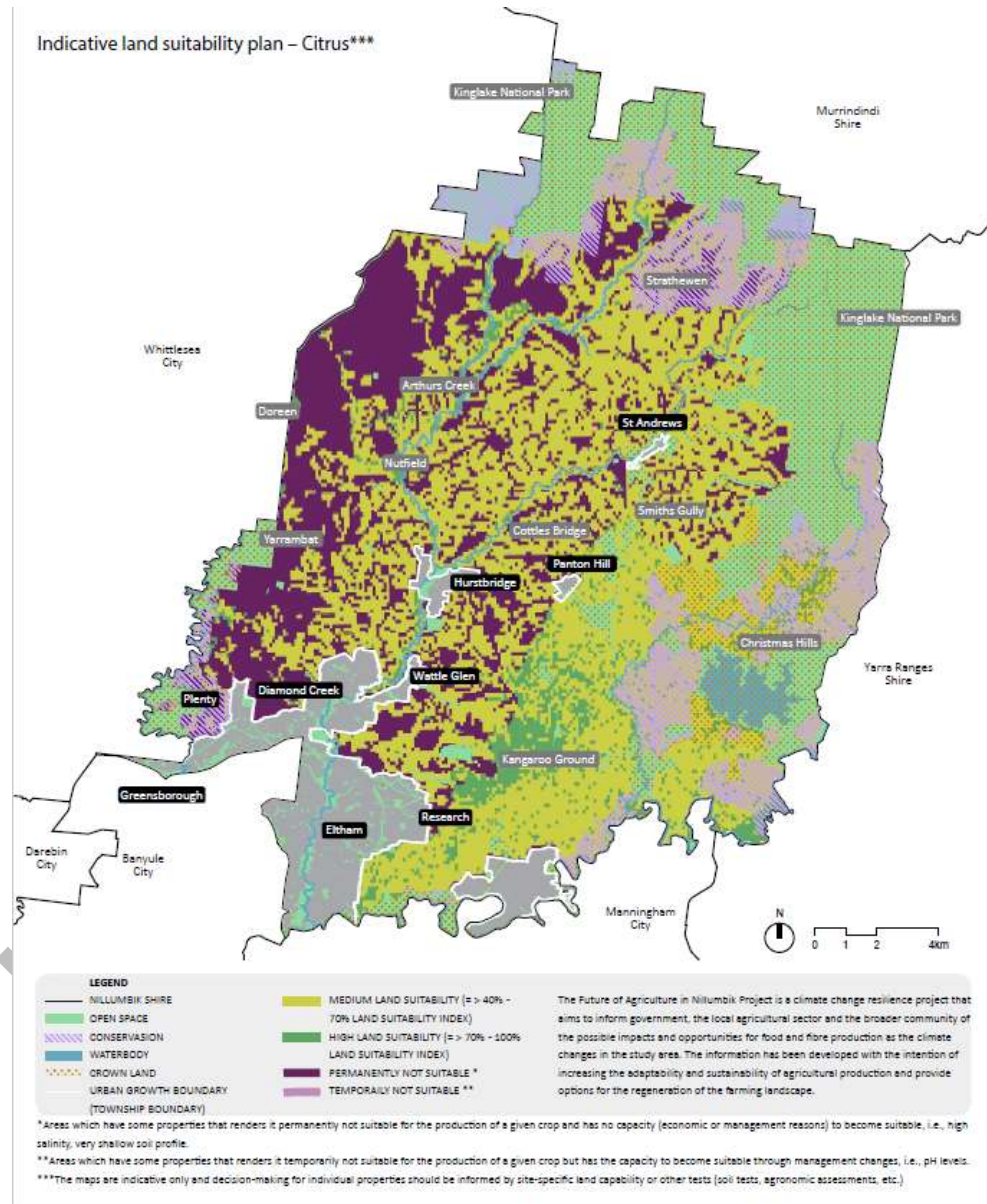
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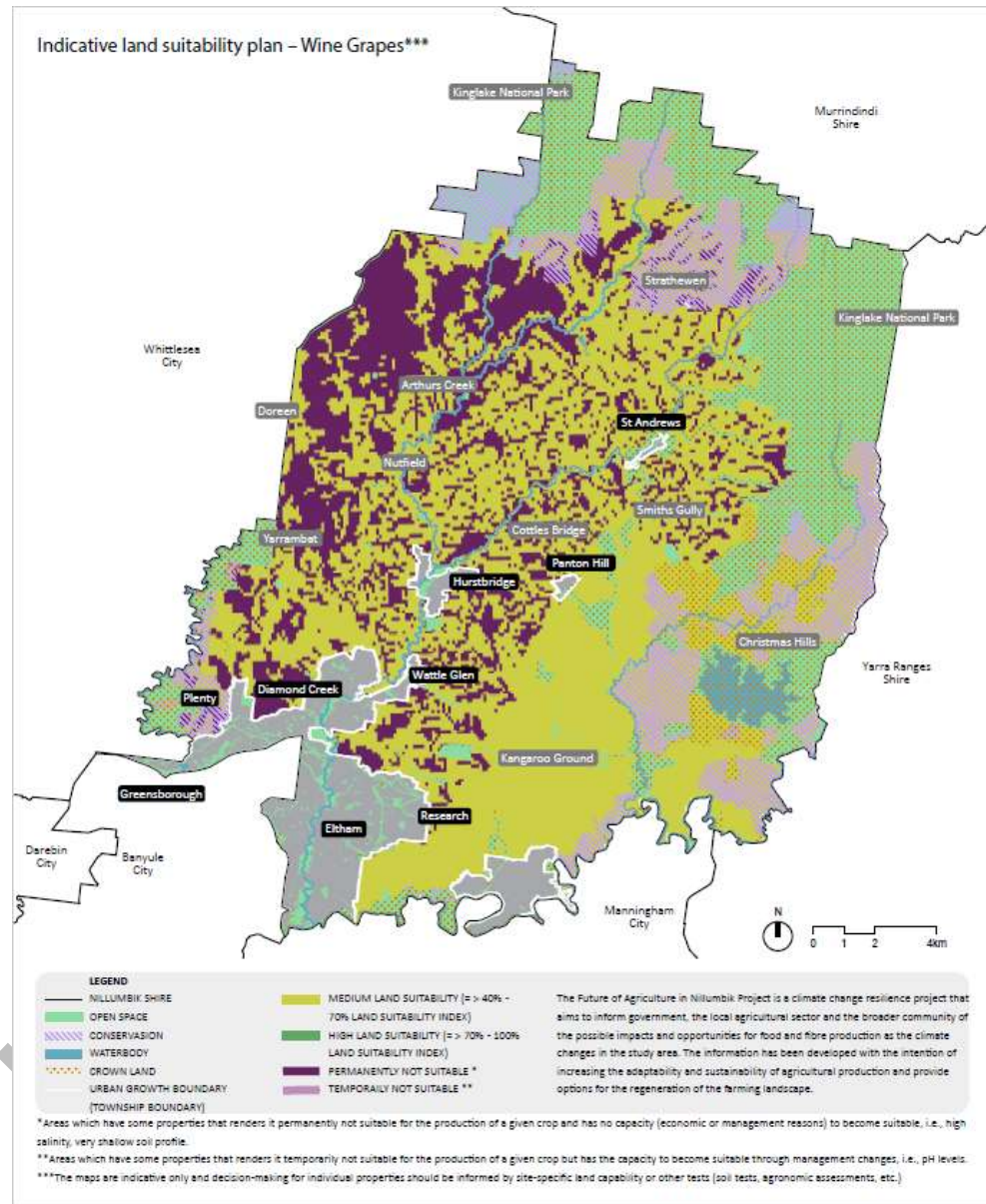
02.04-5 Indicative land suitability plans (Final Draft MPS)

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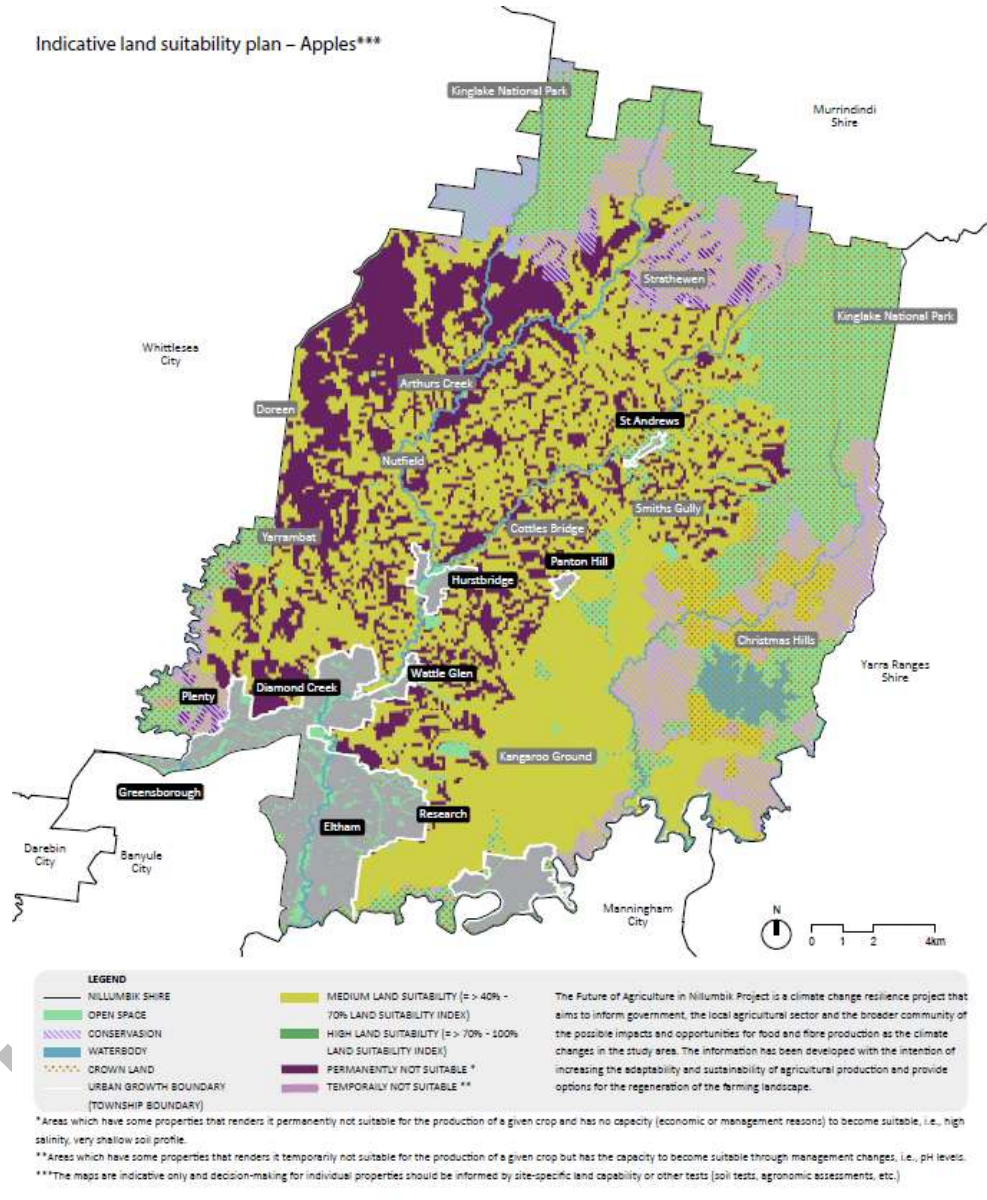
Indicative land suitability plan – Citrus (Final Draft MPS)



Indicative land suitability plan – Wine Grapes (Final Draft MPS)



Indicative land suitability plan – Apples (Final Draft MPS)



Indicative land suitability plan – Raspberry (Final Draft MPS)

